

RGECYB & RGECYC HEATING PERFORMANCE (CONTINUED)

208-230V & 575V		
Tonnage	6-Ton	
Heating Input Btu/h [kW] (High-Fire / Low-Fire)	75,000/52,500 [21.98/115.39]	120,000/84,000 [35.17/24.62]
Heating Output Btu/h [kW] (High-Fire / Low-Fire)	60,750/42,525 [17.80/12.46]	97,200/68,040 [28.49/19.94]
High-Fire Rise Range °F [°C]	25-55 [13.9-30.6]	35-65 [22.2-38.9]
Low-Fire Rise Range °F [°C]	20-50 [11.1-27.8]	30-60 [16.7-33.3]
Main Limit Temp °F	145	125
Rollout Temp. °F	300	300
Rating ESP In. W.C.	0.23	0.28
Maximum ESP In. W.C.	0.80	0.80
Max Outlet Air Temp °F [°C]	180 [82.2]	180 [82.2]
% AFUE	81.0	81.0
% Steady State Efficiency	81.0	81.0

460V		
Tonnage	6-Ton	
Heating Input Btu/h [kW] (High-Fire / Low-Fire)	75,000/52,500 [21.98/115.39]	120,000/84,000 [35.17/24.62]
Heating Output Btu/h [kW] (High-Fire / Low-Fire)	60,750/42,525 [17.80/12.46]	97,200/68,040 [28.49/19.94]
High-Fire Rise Range °F [°C]	30-60 [16.7-33.3]	35-65 [19.4-36.1]
Low-Fire Rise Range °F [°C]	20-50 [11.1-27.8]	30-60 [16.7-33.3]
Main Limit Temp °F	145	125
Main Limit Temp °F (High Static Drive)	—	—
Rollout Temp. °F	300	300
Rating ESP In. W.C.	0.23	0.28
Maximum ESP In. W.C.	0.80	0.80
Max Outlet Air Temp °F [°C]	180 [82.2]	180 [82.2]
% Steady State Efficiency	81.0	81.0

Gas Valve Connection Pipe Size In. [mm] .50 [12.7]

[] Designates Metric Conversions

COOLING PERFORMANCE DATA—RGECYB036

RGECYB036 - ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1325 [625]	1175 [555]	950 [448]	1325 [625]	1175 [555]	950 [448]	1325 [625]	1175 [555]	950 [448]
DR ①			.05	.09	.12	.05	.09	.12	.05	.09	.12
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75°F [23.9°C]	Total kBtu/h [kW]	44.3 [13.0]	43.3 [12.7]	41.8 [12.3]	41.5 [12.2]	40.5 [11.9]	39.1 [11.5]	39.1 [11.5]	38.2 [11.2]	36.9 [10.8]
		Sens kBtu/h [kW]	26.0 [7.6]	24.6 [7.2]	22.4 [6.6]	29.6 [8.7]	27.9 [8.2]	25.4 [7.4]	33.7 [9.9]	31.8 [9.3]	28.9 [8.5]
		Power	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.2	2.2
	80°F [26.7°C]	Total kBtu/h [kW]	43.0 [12.6]	42.0 [12.3]	40.6 [11.9]	40.2 [11.8]	39.3 [11.5]	37.9 [11.1]	37.8 [11.1]	37.0 [10.8]	35.7 [10.5]
		Sens kBtu/h [kW]	25.5 [7.5]	24.0 [7.0]	21.9 [6.4]	29.0 [8.5]	27.4 [8.0]	24.9 [7.3]	33.1 [9.7]	31.3 [9.2]	28.5 [8.4]
		Power	2.4	2.3	2.3	2.4	2.4	2.3	2.4	2.3	2.3
	85°F [29.4°C]	Total kBtu/h [kW]	41.7 [12.2]	40.7 [11.9]	39.3 [11.5]	38.8 [11.4]	37.9 [11.1]	36.6 [10.7]	36.5 [10.7]	35.7 [10.5]	34.4 [10.1]
		Sens kBtu/h [kW]	24.8 [7.3]	23.4 [6.9]	21.3 [6.2]	28.4 [8.3]	26.8 [7.9]	24.4 [7.2]	32.5 [9.5]	30.6 [9.0]	27.9 [8.2]
		Power	2.5	2.5	2.4	2.5	2.5	2.4	2.5	2.5	2.4
	90°F [32.2°C]	Total kBtu/h [kW]	40.2 [11.8]	39.3 [11.5]	38.0 [11.1]	37.4 [11.0]	36.5 [10.7]	35.3 [10.3]	35.0 [10.3]	34.3 [10.1]	33.1 [9.7]
		Sens kBtu/h [kW]	24.1 [7.1]	22.7 [6.7]	20.7 [6.1]	27.7 [8.1]	26.1 [7.6]	23.8 [7.0]	31.7 [9.3]	30.0 [8.8]	27.3 [8.0]
Power		2.6	2.6	2.5	2.6	2.6	2.6	2.6	2.6	2.6	
95°F [35°C]	Total kBtu/h [kW]	38.7 [11.3]	37.9 [11.1]	36.5 [10.7]	35.9 [10.5]	35.1 [10.3]	33.8 [9.9]	33.5 [9.8]	32.8 [9.6]	31.6 [9.3]	
	Sens kBtu/h [kW]	23.3 [6.8]	22.0 [6.4]	20.0 [5.9]	26.9 [7.9]	25.3 [7.4]	23.1 [6.8]	31.0 [9.1]	29.2 [8.6]	26.6 [7.8]	
	Power	2.7	2.7	2.7	2.8	2.7	2.7	2.8	2.7	2.7	
100°F [37.8°C]	Total kBtu/h [kW]	37.2 [10.9]	36.3 [10.6]	35.0 [10.3]	34.3 [10.1]	33.5 [9.8]	32.4 [9.5]	32.0 [9.4]	31.2 [9.1]	30.2 [8.9]	
	Sens kBtu/h [kW]	22.4 [6.6]	21.2 [6.2]	19.3 [5.7]	26.0 [7.6]	24.5 [7.2]	22.3 [6.5]	30.1 [8.8]	28.4 [8.3]	25.9 [7.6]	
	Power	2.9	2.8	2.8	2.9	2.9	2.8	2.9	2.9	2.8	
105°F [40.6°C]	Total kBtu/h [kW]	35.5 [10.4]	34.7 [10.2]	33.5 [9.8]	32.7 [9.6]	31.9 [9.3]	30.8 [9.0]	30.3 [8.9]	29.6 [8.7]	28.6 [8.4]	
	Sens kBtu/h [kW]	21.5 [6.3]	20.3 [5.9]	18.5 [5.4]	25.0 [7.3]	23.6 [6.9]	21.5 [6.3]	29.1 [8.5]	27.5 [8.1]	25.0 [7.3]	
	Power	3.0	3.0	2.9	3.0	3.0	2.9	3.0	3.0	2.9	
110°F [43.3°C]	Total kBtu/h [kW]	33.8 [9.9]	33.0 [9.7]	31.9 [9.3]	30.9 [9.1]	30.2 [8.9]	29.2 [8.6]	28.6 [8.4]	27.9 [8.2]	27.0 [7.9]	
	Sens kBtu/h [kW]	20.5 [6.0]	19.3 [5.7]	17.6 [5.2]	24.0 [7.0]	22.7 [6.7]	20.6 [6.0]	28.1 [8.2]	26.5 [7.8]	24.2 [7.1]	
	Power	3.1	3.1	3.1	3.2	3.1	3.1	3.2	3.1	3.1	
115°F [46.1°C]	Total kBtu/h [kW]	32.0 [9.4]	31.3 [9.2]	30.2 [8.9]	29.1 [8.5]	28.5 [8.4]	27.5 [8.1]	26.8 [7.9]	26.2 [7.7]	25.3 [7.4]	
	Sens kBtu/h [kW]	19.4 [5.7]	18.3 [5.4]	16.6 [4.9]	22.9 [6.7]	21.6 [6.3]	19.7 [5.8]	26.8 [7.9]	25.5 [7.5]	23.2 [6.8]	
	Power	3.3	3.2	3.2	3.3	3.3	3.2	3.3	3.2	3.2	
120°F [48.9°C]	Total kBtu/h [kW]	30.1 [8.8]	29.4 [8.6]	28.4 [8.3]	27.3 [8.0]	26.7 [7.8]	25.7 [7.5]	24.9 [7.3]	24.4 [7.2]	23.5 [6.9]	
	Sens kBtu/h [kW]	18.2 [5.3]	17.2 [5.0]	15.6 [4.6]	21.7 [6.4]	20.5 [6.0]	18.7 [5.5]	24.9 [7.3]	24.4 [7.2]	22.2 [6.5]	
	Power	3.4	3.4	3.3	3.4	3.4	3.3	3.4	3.4	3.3	
125°F [51.7°C]	Total kBtu/h [kW]	28.2 [8.3]	27.5 [8.1]	26.6 [7.8]	25.3 [7.4]	24.8 [7.3]	23.9 [7.0]	23.0 [6.7]	22.5 [6.6]	21.7 [6.4]	
	Sens kBtu/h [kW]	16.9 [5.0]	16.0 [4.7]	14.6 [4.3]	20.5 [6.0]	19.3 [5.7]	17.6 [5.2]	23.0 [6.7]	22.5 [6.6]	21.1 [6.2]	
	Power	3.5	3.5	3.4	3.6	3.5	3.5	3.5	3.5	3.4	

DR —Depression ratio
dbE —Entering air dry bulb
wbE—Entering air wet bulb

Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
Power —kW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[] Designates Metric Conversions

COOLING PERFORMANCE DATA—RGECYB048

RGECYB048 - ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1775 [838]	1575 [743]	1275 [602]	1775 [838]	1575 [743]	1275 [602]	1775 [838]	1575 [743]	1275 [602]
DR ①			.05	.09	.12	.05	.09	.12	.05	.09	.12
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75°F [23.9°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	57.1 [16.7] 33.2 [9.7] 3.4	55.8 [16.4] 31.4 [9.2] 3.4	53.9 [15.8] 28.6 [8.4] 3.3	54.2 [15.9] 38.6 [11.3] 3.4	53.0 [15.5] 36.5 [10.7] 3.4	51.2 [15.0] 33.2 [9.7] 3.3	51.4 [15.1] 44.0 [12.9] 3.4	50.2 [14.7] 41.5 [12.2] 3.3	48.5 [14.2] 37.8 [11.1] 3.3
	80°F [26.7°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	55.7 [16.3] 32.4 [9.5] 3.5	54.4 [15.9] 30.6 [9.0] 3.5	52.5 [15.4] 27.9 [8.2] 3.4	52.8 [15.5] 37.8 [11.1] 3.6	51.6 [15.1] 35.7 [10.5] 3.5	49.9 [14.6] 32.5 [9.5] 3.5	50.0 [14.7] 43.2 [12.7] 3.5	48.9 [14.3] 40.7 [11.9] 3.5	47.2 [13.8] 37.1 [10.9] 3.4
	85°F [29.4°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	54.3 [15.9] 31.6 [9.3] 3.7	53.1 [15.6] 29.8 [8.7] 3.6	51.2 [15.0] 27.2 [8.0] 3.6	51.4 [15.1] 36.9 [10.8] 3.7	50.3 [14.7] 34.9 [10.2] 3.7	48.5 [14.2] 31.8 [9.3] 3.6	48.6 [14.2] 42.3 [12.4] 3.7	47.5 [13.9] 40.0 [11.7] 3.6	45.8 [13.4] 36.4 [10.7] 3.6
	90°F [32.2°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	52.9 [15.5] 30.7 [9.0] 3.8	51.7 [15.2] 29.0 [8.5] 3.8	49.9 [14.6] 26.4 [7.7] 3.7	50.0 [14.7] 36.1 [10.6] 3.8	48.9 [14.3] 34.1 [10.0] 3.8	47.2 [13.8] 31.1 [9.1] 3.7	47.2 [13.8] 41.5 [12.2] 3.8	46.1 [13.5] 39.2 [11.5] 3.7	44.5 [13.0] 35.7 [10.5] 3.7
	95°F [35°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	51.5 [15.1] 29.9 [8.8] 3.9	50.3 [14.7] 28.2 [8.3] 3.9	48.6 [14.2] 25.7 [7.5] 3.8	48.6 [14.2] 35.3 [10.3] 4.0	47.5 [13.9] 33.3 [9.8] 3.9	45.9 [13.5] 30.3 [8.9] 3.9	45.8 [13.4] 40.7 [11.9] 3.9	44.8 [13.1] 38.4 [11.3] 3.9	43.2 [12.7] 35.0 [10.3] 3.8
	100°F [37.8°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	50.1 [14.7] 29.1 [8.5] 4.1	49.0 [14.4] 27.4 [8.0] 4.0	47.3 [13.9] 25.0 [7.3] 4.0	47.2 [13.8] 34.5 [10.1] 4.1	46.2 [13.5] 32.5 [9.5] 4.1	44.6 [13.1] 29.6 [8.7] 4.0	44.4 [13.0] 39.8 [11.7] 4.1	43.4 [12.7] 37.6 [11.0] 4.0	41.9 [12.3] 34.3 [10.1] 4.0
	105°F [40.6°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	48.7 [14.3] 28.2 [8.3] 4.2	47.6 [14.0] 26.7 [7.8] 4.2	45.9 [13.5] 24.3 [7.1] 4.1	45.8 [13.4] 33.6 [9.8] 4.2	44.8 [13.1] 31.7 [9.3] 4.2	43.3 [12.7] 28.9 [8.5] 4.1	43.0 [12.6] 39.0 [11.4] 4.2	42.0 [12.3] 36.8 [10.8] 4.2	40.6 [11.9] 33.5 [9.8] 4.1
	110°F [43.3°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	47.3 [13.9] 27.4 [8.0] 4.4	46.2 [13.5] 25.9 [7.6] 4.3	44.6 [13.1] 23.6 [6.9] 4.2	44.4 [13.0] 32.8 [9.6] 4.4	43.4 [12.7] 31.0 [9.1] 4.3	41.9 [12.3] 28.2 [8.3] 4.3	41.6 [12.2] 38.2 [11.2] 4.3	40.6 [11.9] 36.0 [10.6] 4.3	39.2 [11.5] 32.8 [9.6] 4.2
	115°F [46.1°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	45.9 [13.5] 26.6 [7.8] 4.5	44.9 [13.2] 25.1 [7.4] 4.4	43.3 [12.7] 22.9 [6.7] 4.4	43.0 [12.6] 32.0 [9.4] 4.5	42.1 [12.3] 30.2 [8.9] 4.5	40.6 [11.9] 27.5 [8.1] 4.4	40.2 [11.8] 37.3 [10.9] 4.5	39.3 [11.5] 35.2 [10.3] 4.4	37.9 [11.1] 32.1 [9.4] 4.4
	120°F [48.9°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	44.5 [13.0] 25.7 [7.5] 4.6	43.5 [12.7] 24.3 [7.1] 4.6	42.0 [12.3] 22.1 [6.5] 4.5	41.6 [12.2] 31.1 [9.1] 4.7	40.7 [11.9] 29.4 [8.6] 4.6	39.3 [11.5] 26.8 [7.9] 4.5	38.8 [11.4] 36.5 [10.7] 4.6	37.9 [11.1] 34.5 [10.1] 4.6	36.6 [10.7] 31.4 [9.2] 4.5
	125°F [51.7°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	43.1 [12.6] 24.9 [7.3] 4.8	42.1 [12.3] 23.5 [6.9] 4.7	40.7 [11.9] 21.4 [6.3] 4.6	40.2 [11.8] 30.3 [8.9] 4.8	39.3 [11.5] 28.6 [8.4] 4.7	38.0 [11.1] 26.1 [7.6] 4.7	37.4 [11.0] 35.7 [10.5] 4.8	36.5 [10.7] 33.7 [9.9] 4.7	35.3 [10.3] 30.7 [9.0] 4.6

DR —Depression ratio

dbE —Entering air dry bulb

wbE—Entering air wet bulb

Total —Total capacity x 1000 Btu/h

Sens —Sensible capacity x 1000 Btu/h

Power —kW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] Designates Metric Conversions

COOLING PERFORMANCE DATA—RGECYB060

RGECYB060 - ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			2200 [1038]	1825 [861]	1600 [755]	2200 [1038]	1825 [861]	1600 [755]	2200 [1038]	1825 [861]	1600 [755]
DR ①			.05	.09	.12	.05	.09	.12	.05	.09	.12
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75°F [23.9°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	72.1 [21.1] 43.2 [12.7] 4.2	69.5 [20.4] 39.4 [11.5] 4.1	67.9 [19.9] 37.2 [10.9] 4.1	68.4 [20.0] 48.5 [14.2] 4.2	66.0 [19.3] 44.2 [13.0] 4.2	64.5 [18.9] 41.7 [12.2] 4.1	64.9 [19.0] 53.9 [15.8] 4.2	62.6 [18.3] 49.2 [14.4] 4.1	61.1 [17.9] 46.3 [13.6] 4.1
	80°F [26.7°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	70.4 [20.6] 42.4 [12.4] 4.4	67.9 [19.9] 38.7 [11.3] 4.4	66.4 [19.5] 36.5 [10.7] 4.3	66.8 [19.6] 47.7 [14.0] 4.5	64.4 [18.9] 43.5 [12.7] 4.4	62.9 [18.4] 41.0 [12.0] 4.4	63.2 [18.5] 53.1 [15.6] 4.5	60.9 [17.8] 48.4 [14.2] 4.4	59.6 [17.5] 45.6 [13.4] 4.3
	85°F [29.4°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	68.6 [20.1] 41.5 [12.2] 4.7	66.1 [19.4] 37.9 [11.1] 4.6	64.7 [19.0] 35.7 [10.5] 4.6	64.9 [19.0] 46.7 [13.7] 4.7	62.6 [18.3] 42.7 [12.5] 4.6	61.2 [17.9] 40.2 [11.8] 4.6	61.4 [18.0] 52.1 [15.3] 4.7	59.2 [17.4] 47.6 [14.0] 4.6	57.9 [17.0] 44.8 [13.1] 4.6
	90°F [32.2°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	66.7 [19.5] 40.4 [11.8] 4.9	64.3 [18.8] 36.9 [10.8] 4.8	62.8 [18.4] 34.7 [10.2] 4.8	60.3 [18.5] 45.6 [13.4] 5.0	60.7 [17.8] 41.7 [12.2] 4.9	59.4 [17.4] 39.3 [11.5] 4.8	59.5 [17.4] 51.0 [14.9] 4.9	57.3 [16.8] 46.6 [13.7] 4.8	56.0 [16.4] 43.9 [12.9] 4.8
	95°F [35°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	64.6 [18.9] 39.2 [11.5] 5.2	62.2 [18.2] 35.7 [10.5] 5.1	60.8 [17.8] 33.7 [9.9] 5.0	60.9 [17.8] 44.4 [13.0] 5.2	58.7 [17.2] 40.5 [11.9] 5.1	57.4 [16.8] 38.2 [11.2] 5.0	57.4 [16.8] 49.8 [14.6] 5.2	55.3 [16.2] 45.4 [13.3] 5.1	54.1 [15.9] 42.8 [12.5] 5.0
	100°F [37.8°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	62.3 [18.3] 37.8 [11.1] 5.4	60.1 [17.6] 34.5 [10.1] 5.3	58.7 [17.2] 32.5 [9.5] 5.2	58.7 [17.2] 43.0 [12.6] 5.4	56.6 [16.6] 39.3 [11.5] 5.3	55.3 [16.2] 37.0 [10.8] 5.3	55.1 [16.1] 48.4 [14.2] 5.4	53.1 [15.6] 44.2 [13.0] 5.3	52.0 [15.2] 41.6 [12.2] 5.2
	105°F [40.6°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	60.0 [17.6] 36.2 [10.6] 5.6	57.8 [16.9] 33.1 [9.7] 5.5	56.5 [16.6] 31.2 [9.1] 5.5	56.3 [16.5] 41.5 [12.2] 5.7	54.3 [15.9] 37.9 [11.1] 5.6	53.1 [15.6] 35.7 [10.5] 5.5	52.8 [15.5] 46.9 [13.7] 5.6	50.9 [14.9] 42.8 [12.5] 5.5	49.7 [14.6] 40.3 [11.8] 5.5
	110°F [43.3°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	57.5 [16.9] 34.6 [10.1] 5.9	55.4 [16.2] 31.5 [9.2] 5.8	54.2 [15.9] 29.7 [8.7] 5.7	53.8 [15.8] 39.8 [11.7] 5.9	51.9 [15.2] 36.3 [10.6] 5.8	50.7 [14.9] 34.2 [10.0] 5.7	50.3 [14.7] 45.2 [13.2] 5.9	48.4 [14.2] 41.2 [12.1] 5.8	47.4 [13.9] 38.9 [11.4] 5.7
	115°F [46.1°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	54.8 [16.1] 32.7 [9.6] 6.1	52.8 [15.5] 29.9 [8.8] 6.0	51.7 [15.2] 28.2 [8.3] 5.9	51.2 [15.0] 38.0 [11.1] 6.1	49.3 [14.4] 34.7 [10.2] 6.0	48.2 [14.1] 32.7 [9.6] 6.0	47.6 [14.0] 43.4 [12.7] 6.1	45.9 [13.5] 39.6 [11.6] 6.0	44.9 [13.2] 37.3 [10.9] 5.9
	120°F [48.9°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	52.0 [15.2] 30.8 [9.0] 6.3	50.2 [14.7] 28.1 [8.2] 6.2	49.0 [14.4] 26.5 [7.8] 6.2	48.4 [14.2] 36.0 [10.6] 6.4	46.6 [13.7] 32.9 [9.6] 6.3	45.6 [13.4] 31.0 [9.1] 6.2	44.8 [13.1] 41.4 [12.1] 6.3	43.2 [12.7] 37.8 [11.1] 6.2	42.2 [12.4] 35.6 [10.4] 6.2
	125°F [51.7°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	49.1 [14.4] 28.6 [8.4] 6.6	47.3 [13.9] 26.1 [7.6] 6.5	46.3 [13.6] 24.6 [7.2] 6.4	45.4 [13.3] 33.9 [9.9] 6.6	43.8 [12.8] 30.9 [9.1] 6.5	42.8 [12.5] 29.2 [8.6] 6.4	41.9 [12.3] 39.3 [11.5] 6.6	40.4 [11.8] 35.8 [10.5] 6.5	39.5 [11.6] 33.8 [9.9] 6.4

DR —Depression ratio
dbE —Entering air dry bulb
wbE—Entering air wet bulb

Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
Power —kW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[] Designates Metric Conversions

COOLING PERFORMANCE DATA—RGECYB072

RGECYB072 - ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			2525 [1192]	2400 [1133]	1825 [861]	2525 [1192]	2400 [1133]	1825 [861]	2525 [1192]	2400 [1133]	1825 [861]
DR ①			.05	.09	.12	.05	.09	.12	.05	.09	.12
OUTDOOR 											

DR —Depression ratio

dbE —Entering air dry bulb

wbE—Entering air wet bulb

Total —Total capacity x 1000 Btu/h

Sens —Sensible capacity x 1000 Btu/h

Power —kW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] Designates Metric Conversions

COOLING PERFORMANCE DATA—RGECYC036

RGECYC036 - ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1425 [673]	1050 [496]	1100 [519]	1425 [673]	1050 [496]	1100 [519]	1425 [673]	1050 [496]	1100 [519]
DR ①			.05	.09	.12	.05	.09	.12	.05	.09	.12
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75°F [23.9°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	46.7 [13.7] 28.1 [8.2] 2.3	43.8 [12.8] 24.1 [7.1] 2.3	44.2 [13.0] 24.6 [7.2] 2.3	43.6 [12.8] 32.1 [9.4] 2.3	41.0 [12.0] 27.5 [8.1] 2.3	41.3 [12.1] 28.1 [8.2] 2.3	40.4 [11.8] 35.9 [10.5] 2.3	37.9 [11.1] 30.8 [9.0] 2.2	38.3 [11.2] 31.5 [9.2] 2.2
	80°F [26.7°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	46.1 [13.5] 28.0 [8.2] 2.5	43.3 [12.7] 24.0 [7.0] 2.4	43.7 [12.8] 24.6 [7.2] 2.4	43.1 [12.6] 32.0 [9.4] 2.5	40.5 [11.9] 27.4 [8.0] 2.4	40.8 [12.0] 28.1 [8.2] 2.4	39.9 [11.7] 35.8 [10.5] 2.4	37.4 [11.0] 30.7 [9.0] 2.3	37.8 [11.1] 31.4 [9.2] 2.3
	85°F [29.4°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	45.4 [13.3] 27.7 [8.1] 2.6	42.6 [12.5] 23.8 [7.0] 2.5	43.0 [12.6] 24.3 [7.1] 2.5	42.4 [12.4] 31.7 [9.3] 2.6	39.8 [11.7] 27.2 [8.0] 2.5	40.1 [11.8] 27.8 [8.1] 2.5	39.1 [11.5] 35.5 [10.4] 2.5	36.8 [10.8] 30.4 [8.9] 2.5	37.1 [10.9] 31.1 [9.1] 2.5
	90°F [32.2°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	44.5 [13.0] 27.2 [8.0] 2.7	41.8 [12.3] 23.3 [6.8] 2.7	42.1 [12.3] 23.9 [7.0] 2.7	41.4 [12.1] 31.2 [9.1] 2.7	38.9 [11.4] 26.8 [7.9] 2.7	39.2 [11.5] 27.4 [8.0] 2.7	38.2 [11.2] 35.0 [10.3] 2.7	35.9 [10.5] 30.0 [8.8] 2.6	36.2 [10.6] 30.7 [9.0] 2.6
	95°F [35°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	43.4 [12.7] 26.5 [7.8] 2.9	40.7 [11.9] 22.7 [6.7] 2.8	41.1 [12.0] 23.2 [6.8] 2.8	40.3 [11.8] 30.5 [8.9] 2.9	37.9 [11.1] 26.1 [7.6] 2.8	38.2 [11.2] 26.7 [7.8] 2.8	37.1 [10.9] 34.3 [10.1] 2.8	34.8 [10.2] 29.4 [8.6] 2.7	35.1 [10.3] 30.1 [8.8] 2.7
	100°F [37.8°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	42.1 [12.3] 25.6 [7.5] 3.0	39.5 [11.6] 21.9 [6.4] 2.9	39.8 [11.7] 22.4 [6.6] 2.9	39.0 [11.4] 29.6 [8.7] 3.0	36.6 [10.7] 25.3 [7.4] 2.9	36.9 [10.8] 25.9 [7.6] 2.9	35.8 [10.5] 33.4 [9.8] 2.9	33.6 [9.8] 28.6 [8.4] 2.9	33.9 [9.9] 29.2 [8.6] 2.9
	105°F [40.6°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	40.5 [11.9] 24.5 [7.2] 3.1	38.1 [11.2] 21.0 [6.2] 3.0	38.4 [11.3] 21.4 [6.3] 3.1	37.5 [11.0] 28.4 [8.3] 3.1	35.2 [10.3] 24.4 [7.2] 3.0	35.5 [10.4] 24.9 [7.3] 3.1	34.3 [10.1] 32.2 [9.4] 3.1	32.2 [9.4] 27.6 [8.1] 3.0	32.5 [9.5] 28.2 [8.3] 3.0
	110°F [43.3°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	38.9 [11.4] 23.1 [6.8] 3.3	36.5 [10.7] 19.8 [5.8] 3.2	36.8 [10.8] 20.2 [5.9] 3.2	35.8 [10.5] 27.1 [7.9] 3.3	33.6 [9.8] 23.2 [6.8] 3.2	33.9 [9.9] 23.7 [6.9] 3.2	32.6 [9.6] 30.9 [9.1] 3.2	30.6 [9.0] 26.5 [7.8] 3.1	30.9 [9.1] 27.1 [7.9] 3.1
	115°F [46.1°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	37.0 [10.8] 21.5 [6.3] 3.4	34.7 [10.2] 18.5 [5.4] 3.3	35.0 [10.3] 18.9 [5.5] 3.3	33.9 [9.9] 25.5 [7.5] 3.4	31.9 [9.3] 21.9 [6.4] 3.3	32.1 [9.4] 22.4 [6.6] 3.3	30.7 [9.0] 29.3 [8.6] 3.3	28.8 [8.4] 25.1 [7.4] 3.2	29.1 [8.5] 25.7 [7.5] 3.3
	120°F [48.9°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	34.9 [10.2] 19.8 [5.8] 3.5	32.8 [9.6] 17.0 [5.0] 3.4	33.0 [9.7] 17.3 [5.1] 3.4	31.8 [9.3] 23.8 [7.0] 3.5	29.9 [8.8] 20.4 [6.0] 3.4	30.2 [8.9] 20.8 [6.1] 3.4	28.6 [8.4] 27.6 [8.1] 3.5	26.9 [7.9] 23.6 [6.9] 3.4	27.1 [7.9] 24.2 [7.1] 3.4
	125°F [51.7°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	32.6 [9.6] 17.8 [5.2] 3.7	30.6 [9.0] 15.3 [4.5] 3.6	30.9 [9.1] 15.6 [4.6] 3.6	29.6 [8.7] 21.8 [6.4] 3.7	27.8 [8.1] 18.7 [5.5] 3.6	28.0 [8.2] 19.1 [5.6] 3.6	26.4 [7.7] 25.6 [7.5] 3.6	24.7 [7.2] 21.9 [6.4] 3.5	25.0 [7.3] 22.4 [6.6] 3.5

DR —Depression ratio
dbE —Entering air dry bulb
wbE—Entering air wet bulb

Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
Power —kW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[] Designates Metric Conversions

COOLING PERFORMANCE DATA—RGECYC048

RGECYC048 - ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1875 [885]	1450 [684]	1450 [684]	1875 [885]	1450 [684]	1450 [684]	1875 [885]	1450 [684]	1450 [684]
DR ①			.05	.09	.12	.05	.09	.12	.05	.09	.12
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75°F [23.9°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	63.3 [18.6] 36.8 [10.8] 3.2	60.1 [17.6] 32.4 [9.5] 3.1	60.1 [17.6] 32.4 [9.5] 3.1	58.9 [17.3] 42.7 [12.5] 3.2	56.0 [16.4] 37.5 [11.0] 3.1	56.0 [16.4] 37.5 [11.0] 3.1	55.3 [16.2] 49.4 [14.5] 3.2	52.5 [15.4] 43.5 [12.7] 3.1	52.5 [15.4] 43.5 [12.7] 3.1
	80°F [26.7°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	61.8 [18.1] 35.9 [10.5] 3.4	58.6 [17.2] 31.6 [9.3] 3.3	58.6 [17.2] 31.6 [9.3] 3.3	57.4 [16.8] 41.8 [12.3] 3.4	54.5 [16.0] 36.8 [10.8] 3.3	54.5 [16.0] 36.8 [10.8] 3.3	53.8 [15.8] 48.5 [14.2] 3.3	51.1 [15.0] 42.7 [12.5] 3.2	51.1 [15.0] 42.7 [12.5] 3.2
	85°F [29.4°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	60.2 [17.6] 35.0 [10.3] 3.5	57.2 [16.8] 30.8 [9.0] 3.5	57.2 [16.8] 30.8 [9.0] 3.5	55.8 [16.4] 40.9 [12.0] 3.5	53.0 [15.5] 36.0 [10.6] 3.4	53.0 [15.5] 36.0 [10.6] 3.4	52.2 [15.3] 47.7 [14.0] 3.5	49.6 [14.5] 41.9 [12.3] 3.4	49.6 [14.5] 41.9 [12.3] 3.4
	90°F [32.2°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	58.6 [17.2] 34.1 [10.0] 3.7	55.7 [16.3] 30.0 [8.8] 3.6	55.7 [16.3] 30.0 [8.8] 3.6	54.2 [15.9] 40.0 [11.7] 3.7	51.5 [15.1] 35.2 [10.3] 3.6	51.5 [15.1] 35.2 [10.3] 3.6	50.6 [14.8] 46.8 [13.7] 3.7	48.1 [14.1] 41.1 [12.0] 3.6	48.1 [14.1] 41.1 [12.0] 3.6
	95°F [35°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	57.0 [16.7] 33.2 [9.7] 3.9	54.1 [15.9] 29.2 [8.6] 3.8	54.1 [15.9] 29.2 [8.6] 3.8	52.6 [15.4] 39.1 [11.5] 3.9	50.0 [14.7] 34.4 [10.1] 3.8	50.0 [14.7] 34.4 [10.1] 3.8	49.0 [14.4] 45.8 [13.4] 3.9	46.5 [13.6] 40.3 [11.8] 3.8	46.5 [13.6] 40.3 [11.8] 3.8
	100°F [37.8°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	55.4 [16.2] 32.3 [9.5] 4.1	52.6 [15.4] 28.4 [8.3] 4.0	52.6 [15.4] 28.4 [8.3] 4.0	51.0 [14.9] 38.2 [11.2] 4.1	48.4 [14.2] 33.6 [9.8] 4.0	48.4 [14.2] 33.6 [9.8] 4.0	47.4 [13.9] 44.9 [13.2] 4.1	45.0 [13.2] 39.5 [11.6] 4.0	45.0 [13.2] 39.5 [11.6] 4.0
	105°F [40.6°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	53.8 [15.8] 31.3 [9.2] 4.4	51 [14.9] 27.5 [8.1] 4.2	51.0 [14.9] 27.5 [8.1] 4.2	49.4 [14.5] 37.2 [10.9] 4.3	46.9 [13.7] 32.7 [9.6] 4.2	46.9 [13.7] 32.7 [9.6] 4.2	45.8 [13.4] 43.9 [12.9] 4.3	43.4 [12.7] 38.7 [11.3] 4.2	43.4 [12.7] 38.7 [11.3] 4.2
	110°F [43.3°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	52.1 [15.3] 30.3 [8.9] 4.6	49.5 [14.5] 26.7 [7.8] 4.5	49.5 [14.5] 26.7 [7.8] 4.5	47.7 [14.0] 36.2 [10.6] 4.6	45.3 [13.3] 31.9 [9.3] 4.4	45.3 [13.3] 31.9 [9.3] 4.4	44.1 [12.9] 43.0 [12.6] 4.5	41.9 [12.3] 37.8 [11.1] 4.4	41.9 [12.3] 37.8 [11.1] 4.4
	115°F [46.1°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	50.4 [14.8] 29.3 [8.6] 4.8	47.9 [14.0] 25.8 [7.6] 4.7	47.9 [14.0] 25.8 [7.6] 4.7	46.0 [13.5] 35.2 [10.3] 4.8	43.7 [12.8] 31.0 [9.1] 4.7	43.7 [12.8] 31.0 [9.1] 4.7	42.4 [12.4] 42.0 [12.3] 4.8	40.3 [11.8] 36.9 [10.8] 4.7	40.3 [11.8] 36.9 [10.8] 4.7
	120°F [48.9°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	48.7 [14.3] 28.3 [8.3] 5.1	46.3 [13.6] 24.9 [7.3] 5.0	46.3 [13.6] 24.9 [7.3] 5.0	44.3 [13.0] 34.2 [10.0] 5.1	42.1 [12.3] 30.1 [8.8] 4.9	42.1 [12.3] 30.1 [8.8] 4.9	40.7 [11.9] 40.7 [11.9] 5.1	38.7 [11.3] 36.0 [10.6] 4.9	38.7 [11.3] 36.0 [10.6] 4.9
	125°F [51.7°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	47.0 [13.8] 27.3 [8.0] 5.4	44.7 [13.1] 24.0 [7.0] 5.2	44.7 [13.1] 24.0 [7.0] 5.2	42.6 [12.5] 33.2 [9.7] 5.4	40.5 [11.9] 29.2 [8.6] 5.2	40.5 [11.9] 29.2 [8.6] 5.2	39.0 [11.4] 39.0 [11.4] 5.3	37.1 [10.9] 35.1 [10.3] 5.2	37.1 [10.9] 35.1 [10.3] 5.2

DR —Depression ratio

dbE —Entering air dry bulb

wbE—Entering air wet bulb

Total —Total capacity x 1000 Btu/h

Sens —Sensible capacity x 1000 Btu/h

Power —kW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] Designates Metric Conversions

COOLING PERFORMANCE DATA—RGECYC060

RGECYC060 - ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			2225 [1050]	1850 [873]	1725 [814]	2225 [1050]	1850 [873]	1725 [814]	2225 [1050]	1850 [873]	1725 [814]
DR ①			.05	.09	.12	.05	.09	.12	.05	.09	.12
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75°F [23.9°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	76.1 [22.3] 43.5 [12.7] 4.2	73.4 [21.5] 39.8 [11.7] 4.2	72.5 [21.2] 38.5 [11.3] 4.1	68.8 [20.2] 50.0 [14.7] 4.2	66.3 [19.4] 45.7 [13.4] 4.2	65.5 [19.2] 44.3 [13.0] 4.1	63.7 [18.7] 56.3 [16.5] 4.2	61.5 [18.0] 51.5 [15.1] 4.1	60.7 [17.8] 49.8 [14.6] 4.1
	80°F [26.7°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	74.4 [21.8] 42.6 [12.5] 4.4	71.7 [21.0] 38.9 [11.4] 4.4	70.9 [20.8] 37.7 [11.0] 4.3	67.0 [19.6] 49.1 [14.4] 4.4	64.6 [18.9] 44.9 [13.2] 4.4	63.9 [18.7] 43.5 [12.7] 4.3	62.0 [18.2] 55.4 [16.2] 4.4	59.8 [17.5] 50.6 [14.8] 4.3	59.0 [17.3] 49.0 [14.4] 4.3
	85°F [29.4°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	72.6 [21.3] 41.7 [12.2] 4.7	70.0 [20.5] 38.1 [11.2] 4.6	69.1 [20.3] 36.9 [10.8] 4.6	65.2 [19.1] 48.2 [14.1] 4.7	62.9 [18.4] 44.0 [12.9] 4.6	62.1 [18.2] 42.6 [12.5] 4.6	60.1 [17.6] 54.5 [16.0] 4.6	58.0 [17.0] 49.8 [14.6] 4.5	57.3 [16.8] 48.2 [14.1] 4.5
	90°F [32.2°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	70.7 [20.7] 40.7 [11.9] 4.9	68.2 [20.0] 37.2 [10.9] 4.8	67.3 [19.7] 36.0 [10.6] 4.8	63.3 [18.6] 47.2 [13.8] 4.9	61.1 [17.9] 43.1 [12.6] 4.8	60.3 [17.7] 41.8 [12.3] 4.8	58.3 [17.1] 53.5 [15.7] 4.8	56.2 [16.5] 48.9 [14.3] 4.7	55.5 [16.3] 47.3 [13.9] 4.7
	95°F [35°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	68.7 [20.1] 39.6 [11.6] 5.1	66.3 [19.4] 36.2 [10.6] 5.0	65.5 [19.2] 35.1 [10.3] 5.0	61.4 [18.0] 46.2 [13.5] 5.1	59.2 [17.4] 42.2 [12.4] 5.0	58.5 [17.1] 40.8 [12.0] 5.0	56.3 [16.5] 52.4 [15.4] 5.1	54.3 [15.9] 47.9 [14.0] 5.0	53.6 [15.7] 46.4 [13.6] 4.9
	100°F [37.8°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	66.7 [19.5] 38.5 [11.3] 5.3	64.4 [18.9] 35.2 [10.3] 5.2	63.6 [18.6] 34.1 [10.0] 5.2	59.4 [17.4] 45.1 [13.2] 5.3	57.3 [16.8] 41.2 [12.1] 5.2	56.6 [16.6] 39.9 [11.7] 5.2	54.3 [15.9] 51.4 [15.1] 5.3	52.4 [15.4] 46.9 [13.7] 5.2	51.7 [15.2] 45.4 [13.3] 5.1
	105°F [40.6°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	64.7 [19.0] 37.4 [11.0] 5.5	62.4 [18.3] 34.2 [10.0] 5.4	61.6 [18.1] 33.1 [9.7] 5.4	57.3 [16.8] 43.9 [12.9] 5.5	55.3 [16.2] 40.1 [11.8] 5.4	54.6 [16.0] 38.9 [11.4] 5.4	52.2 [15.3] 50.2 [14.7] 5.5	50.4 [14.8] 45.9 [13.5] 5.4	49.8 [14.6] 44.4 [13.0] 5.4
	110°F [43.3°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	62.5 [18.3] 36.2 [10.6] 5.8	60.3 [17.7] 33.1 [9.7] 5.7	59.6 [17.5] 32.0 [9.4] 5.6	55.2 [16.2] 42.7 [12.5] 5.7	53.2 [15.6] 39.1 [11.5] 5.6	52.6 [15.4] 37.8 [11.1] 5.6	50.1 [14.7] 49.0 [14.4] 5.7	48.3 [14.2] 44.8 [13.1] 5.6	47.7 [14.0] 43.4 [12.7] 5.6
	115°F [46.1°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	60.3 [17.7] 35.0 [10.3] 6.0	58.2 [17.1] 32.0 [9.4] 5.9	57.5 [16.9] 31.0 [9.1] 5.8	53.0 [15.5] 41.5 [12.2] 6.0	51.1 [15.0] 37.9 [11.1] 5.9	50.5 [14.8] 36.7 [10.8] 5.8	47.9 [14.0] 47.8 [14.0] 5.9	46.2 [13.5] 43.7 [12.8] 5.8	45.7 [13.4] 42.3 [12.4] 5.8
	120°F [48.9°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	58.1 [17.0] 33.7 [9.9] 6.2	56.0 [16.4] 30.8 [9.0] 6.1	55.3 [16.2] 29.8 [8.7] 6.0	50.7 [14.9] 40.2 [11.8] 6.2	48.9 [14.3] 36.8 [10.8] 6.1	48.3 [14.2] 35.6 [10.4] 6.0	45.7 [13.4] 45.7 [13.4] 6.1	44.0 [12.9] 42.5 [12.5] 6.0	43.5 [12.7] 41.2 [12.1] 6.0
	125°F [51.7°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	55.8 [16.4] 32.4 [9.5] 6.4	53.8 [15.8] 29.6 [8.7] 6.3	53.1 [15.6] 28.6 [8.4] 6.3	48.4 [14.2] 38.9 [11.4] 6.4	46.7 [13.7] 35.5 [10.4] 6.3	46.1 [13.5] 34.4 [10.1] 6.3	43.4 [12.7] 43.4 [12.7] 6.4	41.8 [12.3] 41.3 [12.1] 6.2	41.3 [12.1] 40.0 [11.7] 6.2

DR —Depression ratio
dbE —Entering air dry bulb
wbE—Entering air wet bulb

Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
Power —kW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[] Designates Metric Conversions

GROSS SYSTEMS PERFORMANCE DATA (HIGH HUMIDIDRY MODE)—RGECYB036

ENTERING INDOOR AIR @75°F [23.9°C] dbE ①											
wbE			65.3°F [18.5°C]			64°F [17.8°C]			62.5°F [16.9°C]		
CFM [L/s]			1350 [637]	1168 [551]	1050 [496]	1350 [637]	1168 [551]	1050 [496]	1350 [637]	1168 [551]	1050 [496]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	60°F [15.6°C]	Total kBtu/h [kW]	18.7 [5.5]	18.1 [5.3]	17.8 [5.2]	18.4 [5.4]	17.9 [5.3]	17.6 [5.2]	17.3 [5.1]	16.8 [4.9]	16.5 [4.8]
		Sens kBtu/h [kW]	2.8 [0.8]	2.6 [0.8]	2.5 [0.7]	4.7 [1.4]	4.4 [1.3]	4.2 [1.2]	5.9 [1.7]	5.5 [1.6]	5.3 [1.5]
		Power	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0
	70°F [21.1°C]	Total kBtu/h [kW]	16.9 [5.0]	16.5 [4.8]	16.2 [4.7]	16.7 [4.9]	16.3 [4.8]	16.0 [4.7]	15.6 [4.6]	15.2 [4.4]	14.9 [4.4]
		Sens kBtu/h [kW]	1.8 [0.5]	1.7 [0.5]	1.6 [0.5]	3.7 [1.1]	3.5 [1.0]	3.3 [1.0]	4.9 [1.4]	4.6 [1.3]	4.4 [1.3]
		Power	2.1	2.0	2.0	2.1	2.0	2.0	2.1	2.1	2.0
	80°F [26.7°C]	Total kBtu/h [kW]	15.0 [4.4]	14.6 [4.3]	14.3 [4.2]	14.8 [4.3]	14.4 [4.2]	14.1 [4.1]	13.7 [4.0]	13.3 [3.9]	13.0 [3.8]
Sens kBtu/h [kW]		0.4 [0.1]	0.4 [0.1]	0.4 [0.1]	2.4 [0.7]	2.2 [0.7]	2.1 [0.6]	3.6 [1.1]	3.3 [1.0]	3.2 [0.9]	
Power		2.2	2.1	2.1	2.2	2.1	2.1	2.2	2.2	2.1	
90°F [32.2°C]	Total kBtu/h [kW]	12.8 [3.8]	12.5 [3.7]	12.3 [3.6]	12.6 [3.7]	12.3 [3.6]	12.0 [3.5]	11.5 [3.4]	11.2 [3.3]	11.0 [3.2]	
	Sens kBtu/h [kW]	-1.2 [-0.4]	-1.2 [-0.3]	-1.1 [-0.3]	0.7 [0.2]	0.7 [0.2]	0.6 [0.2]	1.9 [0.6]	1.8 [0.5]	1.7 [0.5]	
	Power	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	
100°F [37.8°C]	Total kBtu/h [kW]	10.4 [3.1]	10.1 [3.0]	10.0 [2.9]	10.2 [3.0]	9.9 [2.9]	9.8 [2.9]	9.1 [2.7]	8.8 [2.6]	8.7 [2.5]	
	Sens kBtu/h [kW]	-3.2 [-0.9]	-3.0 [-0.9]	-2.9 [-0.8]	-1.3 [-0.4]	-1.2 [-0.4]	-1.1 [-0.3]	-0.1 [0.0]	-0.1 [0.0]	-0.1 [0.0]	
	Power	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
110°F [43.3°C]	Total kBtu/h [kW]	7.8 [2.3]	7.6 [2.2]	7.4 [2.2]	7.6 [2.2]	7.4 [2.2]	7.2 [2.1]	6.5 [1.9]	6.3 [1.8]	6.2 [1.8]	
	Sens kBtu/h [kW]	-5.6 [-1.6]	-5.2 [-1.5]	-5.0 [-1.5]	-3.6 [-1.1]	-3.4 [-1.0]	-3.2 [-0.9]	-2.4 [-0.7]	-2.3 [-0.7]	-2.1 [-0.6]	
	Power	2.8	2.7	2.7	2.8	2.7	2.7	2.8	2.8	2.7	
120°F [48.9°C]	Total kBtu/h [kW]	4.9 [1.4]	4.8 [1.4]	4.7 [1.4]	4.7 [1.4]	4.6 [1.3]	4.5 [1.3]	3.6 [1.1]	3.5 [1.0]	3.4 [1.0]	
	Sens kBtu/h [kW]	-8.2 [-2.4]	-7.7 [-2.3]	-7.3 [-2.1]	-6.3 [-1.8]	-5.9 [-1.7]	-5.6 [-1.6]	-5.1 [-1.5]	-4.7 [-1.4]	-4.5 [-1.3]	
	Power	3.1	3.1	3.0	3.1	3.0	3.0	3.1	3.1	3.0	

GROSS SYSTEMS PERFORMANCE DATA (HIGH HUMIDIDRY MODE)—RGECYB048

ENTERING INDOOR AIR @ 75°F [23.9°C] dbE ①											
wbE			65.3°F [18.5°C]			64°F [17.8°C]			62.5°F [16.9°C]		
CFM [L/s]			1800 [850]	1519 [717]	1400 [661]	1800 [850]	1519 [717]	1400 [661]	1800 [850]	1519 [717]	1400 [661]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	60°F [15.6°C]	Total kBtu/h [kW]	25.5 [7.5]	24.7 [7.2]	24.3 [7.1]	24.3 [7.1]	23.5 [6.9]	23.2 [6.8]	22.6 [6.6]	21.8 [6.4]	21.5 [6.3]
		Sens kBtu/h [kW]	2.6 [0.8]	2.4 [0.7]	2.3 [0.7]	5.2 [1.5]	4.8 [1.4]	4.6 [1.4]	6.7 [2.0]	6.1 [1.8]	5.9 [1.7]
		Power	2.5	2.4	2.4	2.5	2.5	2.5	2.4	2.4	2.4
	70°F [21.1°C]	Total kBtu/h [kW]	24.1 [7.1]	23.3 [6.8]	23.0 [6.7]	22.9 [6.7]	22.2 [6.5]	21.8 [6.4]	21.2 [6.2]	20.5 [6.0]	20.2 [5.9]
		Sens kBtu/h [kW]	1.9 [0.6]	1.8 [0.5]	1.7 [0.5]	4.5 [1.3]	4.2 [1.2]	4.0 [1.2]	6.0 [1.8]	5.5 [1.6]	5.3 [1.6]
		Power	2.6	2.5	2.5	2.7	2.6	2.6	2.6	2.5	2.5
	80°F [26.7°C]	Total kBtu/h [kW]	22.1 [6.5]	21.4 [6.3]	21.1 [6.2]	20.9 [6.1]	20.2 [5.9]	20.0 [5.8]	19.2 [5.6]	18.6 [5.4]	18.3 [5.4]
Sens kBtu/h [kW]		0.4 [0.1]	0.4 [0.1]	0.4 [0.1]	3.0 [0.9]	2.8 [0.8]	2.7 [0.8]	4.5 [1.3]	4.1 [1.2]	4.0 [1.2]	
Power		2.8	2.7	2.7	2.8	2.8	2.8	2.7	2.7	2.7	
90°F [32.2°C]	Total kBtu/h [kW]	19.5 [5.7]	18.9 [5.5]	18.6 [5.5]	18.3 [5.4]	17.7 [5.2]	17.5 [5.1]	16.6 [4.9]	16.1 [4.7]	15.8 [4.6]	
	Sens kBtu/h [kW]	-1.9 [-0.5]	-1.7 [-0.5]	-1.7 [-0.5]	0.7 [0.2]	0.7 [0.2]	0.6 [0.2]	2.2 [0.6]	2.0 [0.6]	1.9 [0.6]	
	Power	3.0	2.9	2.9	3.0	3.0	3.0	3.0	2.9	2.9	
100°F [37.8°C]	Total kBtu/h [kW]	16.4 [4.8]	15.8 [4.6]	15.6 [4.6]	15.2 [4.4]	14.7 [4.3]	14.5 [4.2]	13.4 [3.9]	13.0 [3.8]	12.8 [3.8]	
	Sens kBtu/h [kW]	-5.0 [-1.5]	-4.6 [-1.4]	-4.4 [-1.3]	-2.4 [-0.7]	-2.2 [-0.7]	-2.1 [-0.6]	-0.9 [-0.3]	-0.9 [-0.3]	-0.8 [-0.2]	
	Power	3.3	3.2	3.2	3.3	3.3	3.3	3.2	3.2	3.2	
110°F [43.3°C]	Total kBtu/h [kW]	12.6 [3.7]	12.2 [3.6]	12.0 [3.5]	11.4 [3.3]	11.0 [3.2]	10.9 [3.2]	9.7 [2.8]	9.4 [2.7]	9.2 [2.7]	
	Sens kBtu/h [kW]	-9.0 [-2.6]	-8.3 [-2.4]	-8.0 [-2.3]	-6.4 [-1.9]	-5.9 [-1.7]	-5.6 [-1.7]	-4.9 [-1.4]	-4.5 [-1.3]	-4.3 [-1.3]	
	Power	3.6	3.6	3.5	3.7	3.6	3.6	3.6	3.5	3.5	
120°F [48.9°C]	Total kBtu/h [kW]	8.2 [2.4]	8.0 [2.3]	7.9 [2.3]	7.1 [2.1]	6.8 [2.0]	6.7 [2.0]	5.3 [1.6]	5.2 [1.5]	5.1 [1.5]	
	Sens kBtu/h [kW]	-13.7 [-4.0]	-12.7 [-3.7]	-12.2 [-3.6]	-11.1 [-3.3]	-10.3 [-3.0]	-9.9 [-2.9]	-9.7 [-2.8]	-8.9 [-2.6]	-8.6 [-2.5]	
	Power	4.0	4.0	3.9	4.1	4.0	4.0	4.0	3.9	3.9	

DR —Depression ratio
dbE —Entering air dry bulb
wbE —Entering air wet bulb

Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
Power —kW input

NOTES: ① When the entering air dry bulb is other than 75°F [23.9°C], adjust the sensible capacity from the table by adding $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] Designates Metric Conversions

GROSS SYSTEMS PERFORMANCE DATA (HIGH HUMIDIDRY MODE)—RGECYB060

ENTERING INDOOR AIR @ 75°F [23.9°C] dbE ①											
wbE			65.3°F [18.5°C]			64°F [17.8°C]			62.5°F [16.9°C]		
CFM [L/s]			2250 [1062]	1825 [861]	1750 [826]	2250 [1062]	1825 [861]	1750 [826]	2250 [1062]	1825 [861]	1750 [826]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	60°F [15.6°C]	Total kBtu/h [kW]	29.1 [8.5]	27.9 [8.2]	27.7 [8.1]	28.5 [8.3]	27.3 [8.0]	27.1 [7.9]	26.6 [7.8]	25.5 [7.5]	25.3 [7.4]
		Sens kBtu/h [kW]	1.9 [0.5]	1.7 [0.5]	1.7 [0.5]	5.1 [1.5]	4.6 [1.3]	4.5 [1.3]	7.9 [2.3]	7.1 [2.1]	7.0 [2.1]
		Power	3.5	3.5	3.5	3.5	3.5	3.4	3.5	3.5	3.5
	70°F [21.1°C]	Total kBtu/h [kW]	27.5 [8.0]	26.3 [7.7]	26.2 [7.7]	26.8 [7.9]	25.7 [7.5]	25.5 [7.5]	24.9 [7.3]	23.9 [7.0]	23.7 [7.0]
		Sens kBtu/h [kW]	0.6 [0.2]	0.6 [0.2]	0.6 [0.2]	3.8 [1.1]	3.4 [1.0]	3.4 [1.0]	6.7 [2.0]	6.0 [1.8]	5.9 [1.7]
		Power	3.6	3.6	3.6	3.6	3.6	3.5	3.6	3.6	3.6
	80°F [26.7°C]	Total kBtu/h [kW]	25.2 [7.4]	24.2 [7.1]	24.0 [7.0]	24.5 [7.2]	23.5 [6.9]	23.4 [6.8]	22.6 [6.6]	21.7 [6.4]	21.6 [6.3]
		Sens kBtu/h [kW]	-1.2 [-0.4]	-1.1 [-0.3]	-1.1 [-0.3]	2.0 [0.6]	1.8 [0.5]	1.8 [0.5]	4.8 [1.4]	4.4 [1.3]	4.3 [1.3]
		Power	3.8	3.8	3.7	3.8	3.7	3.7	3.8	3.8	3.7
	90°F [32.2°C]	Total kBtu/h [kW]	22.3 [6.5]	21.4 [6.3]	21.2 [6.2]	21.6 [6.3]	20.8 [6.1]	20.6 [6.0]	19.7 [5.8]	18.9 [5.5]	18.8 [5.5]
		Sens kBtu/h [kW]	-3.6 [-1.1]	-3.3 [-1.0]	-3.2 [-0.9]	-0.4 [-0.1]	-0.4 [-0.1]	-0.4 [-0.1]	2.4 [0.7]	2.2 [0.6]	2.1 [0.6]
		Power	4.1	4.0	4.0	4.1	4.0	4.0	4.1	4.0	4.0
	100°F [37.8°C]	Total kBtu/h [kW]	18.7 [5.5]	18.0 [5.3]	17.8 [5.2]	18.1 [5.3]	17.4 [5.1]	17.2 [5.1]	16.2 [4.7]	15.5 [4.6]	15.4 [4.5]
		Sens kBtu/h [kW]	-6.7 [-1.9]	-6.0 [-1.8]	-5.9 [-1.7]	-3.5 [-1.0]	-3.1 [-0.9]	-3.1 [-0.9]	-0.6 [-0.2]	-0.6 [-0.2]	-0.5 [-0.2]
		Power	4.5	4.4	4.4	4.5	4.4	4.4	4.5	4.4	4.4
	110°F [43.3°C]	Total kBtu/h [kW]	14.6 [4.3]	14.0 [4.1]	13.9 [4.1]	13.9 [4.1]	13.4 [3.9]	13.3 [3.9]	12.0 [3.5]	11.6 [3.4]	11.5 [3.4]
		Sens kBtu/h [kW]	-10.3 [-3.0]	-9.3 [-2.7]	-9.1 [-2.7]	-7.1 [-2.1]	-6.4 [-1.9]	-6.2 [-1.8]	-4.2 [-1.2]	-3.8 [-1.1]	-3.7 [-1.1]
		Power	5.0	4.9	4.9	5.0	4.9	4.8	5.0	4.9	4.9
	120°F [48.9°C]	Total kBtu/h [kW]	9.8 [2.9]	9.4 [2.8]	9.3 [2.7]	9.2 [2.7]	8.8 [2.6]	8.7 [2.6]	7.3 [2.1]	7.0 [2.0]	6.9 [2.0]
		Sens kBtu/h [kW]	-14.5 [-4.2]	-13.0 [-3.8]	-12.8 [-3.7]	-11.3 [-3.3]	-10.2 [-3.0]	-10.0 [-2.9]	-8.4 [-2.5]	-7.6 [-2.2]	-7.4 [-2.2]
		Power	5.6	5.4	5.4	5.5	5.4	5.4	5.5	5.4	5.4

DR —Depression ratio
dbE—Entering air dry bulb
wbE—Entering air wet bulb

Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
Power—kW input

NOTES: ① When the entering air dry bulb is other than 75°F [23.9°C], adjust the sensible capacity from the table by adding $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] Designates Metric Conversions

GROSS SYSTEMS PERFORMANCE DATA (LOW HUMIDIDRY MODE)—RGECYB072

ENTERING INDOOR AIR @75°F [23.9°C] dbE ①											
wbE			65.3°F [18.5°C]			64°F [17.8°C]			62.5°F [16.9°C]		
CFM [L/s]			1710 [807]	1523 [719]	1330 [628]	1710 [807]	1523 [719]	1330 [628]	1710 [807]	1523 [719]	1330 [628]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	60°F [15.6°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	35.8 [10.5] 12.8 [3.7] 2.3	35.0 [10.3] 12.1 [3.5] 2.2	34.2 [10.0] 11.4 [3.3] 2.2	32.5 [9.5] 12.6 [3.7] 2.3	31.8 [9.3] 12.0 [3.5] 2.3	31.0 [9.1] 11.3 [3.3] 2.3	31.4 [9.2] 16.2 [4.8] 2.2	30.7 [9.0] 15.3 [4.5] 2.2	30.0 [8.8] 14.4 [4.2] 2.2
	65°F [18.3°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	34.3 [10.1] 11.5 [3.4] 2.4	33.6 [9.8] 10.8 [3.2] 2.4	32.8 [9.6] 10.2 [3.0] 2.4	31.0 [9.1] 11.3 [3.3] 2.5	30.3 [8.9] 10.7 [3.1] 2.4	29.6 [8.7] 10.1 [3.0] 2.4	30.0 [8.8] 14.9 [4.4] 2.4	29.3 [8.6] 14.1 [4.1] 2.3	28.6 [8.4] 13.3 [3.9] 2.3
	70°F [21.1°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	32.6 [9.6] 10.0 [2.9] 2.6	31.9 [9.4] 9.4 [2.8] 2.6	31.2 [9.1] 8.9 [2.6] 2.5	29.4 [8.6] 9.8 [2.9] 2.6	28.7 [8.4] 9.3 [2.7] 2.6	28.1 [8.2] 8.8 [2.6] 2.6	28.3 [8.3] 13.4 [3.9] 2.5	27.7 [8.1] 12.7 [3.7] 2.5	27.0 [7.9] 11.9 [3.5] 2.5
	75°F [23.9°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	30.8 [9.0] 8.3 [2.4] 2.8	30.1 [8.8] 7.9 [2.3] 2.8	29.4 [8.6] 7.4 [2.2] 2.7	27.5 [8.1] 8.2 [2.4] 2.8	26.9 [7.9] 7.7 [2.3] 2.8	26.3 [7.7] 7.3 [2.1] 2.8	26.4 [7.7] 11.8 [3.4] 2.7	25.8 [7.6] 11.1 [3.3] 2.7	25.2 [7.4] 10.5 [3.1] 2.7
	80°F [26.7°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	28.7 [8.4] 6.5 [1.9] 3.0	28.1 [8.2] 6.1 [1.8] 2.9	27.4 [8.0] 5.8 [1.7] 2.9	25.4 [7.4] 6.4 [1.9] 3.0	24.8 [7.3] 6.0 [1.8] 3	24.3 [7.1] 5.7 [1.7] 2.9	24.3 [7.1] 10.0 [2.9] 2.9	23.8 [7.0] 9.4 [2.8] 2.9	23.3 [6.8] 8.9 [2.6] 2.9
	85°F [29.4°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	26.4 [7.7] 4.5 [1.3] 3.2	25.8 [7.6] 4.3 [1.3] 3.1	25.2 [7.4] 4.0 [1.2] 3.1	23.1 [6.8] 4.4 [1.3] 3.2	22.6 [6.6] 4.2 [1.2] 3.2	22.1 [6.5] 3.9 [1.1] 3.1	22.0 [6.5] 8.0 [2.3] 3.1	21.6 [6.3] 7.5 [2.2] 3.1	21.1 [6.2] 7.1 [2.1] 3.1
	90°F [32.2°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	23.9 [7.0] 2.4 [0.7] 3.4	23.4 [6.9] 2.2 [0.7] 3.3	22.8 [6.7] 2.1 [0.6] 3.3	20.6 [6.0] 2.2 [0.7] 3.4	20.2 [5.9] 2.1 [0.6] 3.4	19.7 [5.8] 2.0 [0.6] 3.3	19.6 [5.7] 5.8 [1.7] 3.3	19.1 [5.6] 5.5 [1.6] 3.3	18.7 [5.5] 5.2 [1.5] 3.3

GROSS SYSTEMS PERFORMANCE DATA (HIGH HUMIDIDRY MODE)—RGECYB072

ENTERING INDOOR AIR @ 75°F [23.9°C] dbE ①											
wbE			65.3°F [18.5°C]			64°F [17.8°C]			62.5°F [16.9°C]		
CFM [L/s]			2700 [1274]	2404 [1135]	2100 [991]	2700 [1274]	2404 [1135]	2100 [991]	2700 [1274]	2404 [1135]	2100 [991]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	60°F [15.6°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	44.6 [13.1] 13.3 [3.9] 3.8	43.6 [12.8] 12.6 [3.7] 3.7	42.6 [12.5] 11.8 [3.5] 3.7	43.0 [12.6] 15.5 [4.5] 3.7	42.1 [12.3] 14.7 [4.3] 3.7	41.1 [12.1] 13.8 [4.0] 3.6	39.3 [11.5] 20.2 [5.9] 3.7	38.4 [11.3] 19.1 [5.6] 3.6	37.5 [11.0] 18.0 [5.3] 3.6
	70°F [21.1°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	42.4 [12.4] 11.3 [3.3] 3.9	41.5 [12.2] 10.7 [3.1] 3.9	40.6 [11.9] 10.1 [3.0] 3.8	40.9 [12.0] 13.6 [4.0] 3.9	40.0 [11.7] 12.8 [3.8] 3.8	39.1 [11.5] 12.1 [3.5] 3.8	37.1 [10.9] 18.3 [5.4] 3.8	36.3 [10.6] 17.3 [5.1] 3.8	35.5 [10.4] 16.3 [4.8] 3.7
	80°F [26.7°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	38.9 [11.4] 8.2 [2.4] 4.2	38.1 [11.2] 7.8 [2.3] 4.1	37.2 [10.9] 7.3 [2.1] 4.1	37.4 [11.0] 10.4 [3.1] 4.1	36.6 [10.7] 9.9 [2.9] 4.1	35.7 [10.5] 9.3 [2.7] 4.1	33.6 [9.9] 15.1 [4.4] 4.1	32.9 [9.6] 14.3 [4.2] 4.0	32.1 [9.4] 13.5 [4.0] 4.0
	90°F [32.2°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	34.1 [10.0] 3.9 [1.1] 4.5	33.3 [9.8] 3.7 [1.1] 4.5	32.6 [9.5] 3.5 [1.0] 4.4	32.5 [9.5] 6.1 [1.8] 4.5	31.8 [9.3] 5.8 [1.7] 4.5	31.1 [9.1] 5.5 [1.6] 4.4	28.8 [8.4] 10.8 [3.2] 4.4	28.1 [8.2] 10.2 [3.0] 4.4	27.5 [8.1] 9.6 [2.8] 4.4
	100°F [37.8°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	27.8 [8.2] -1.6 [-0.5] 5.0	27.2 [8.0] -1.5 [-0.4] 4.9	26.6 [7.8] -1.4 [-0.4] 4.9	26.3 [7.7] 0.6 [0.2] 5.0	25.7 [7.5] 0.6 [0.2] 4.9	25.1 [7.4] 0.6 [0.2] 4.9	22.5 [6.6] 5.3 [1.6] 4.9	22.0 [6.5] 5.0 [1.5] 4.9	21.5 [6.3] 4.7 [1.4] 4.8
	110°F [43.3°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	20.2 [5.9] -8.3 [-2.4] 5.6	19.8 [5.8] -7.8 [-2.3] 5.5	19.3 [5.7] -7.4 [-2.2] 5.4	18.7 [5.5] -6.1 [-1.8] 5.5	18.3 [5.4] -5.7 [-1.7] 5.5	17.9 [5.2] -5.4 [-1.6] 5.4	14.9 [4.4] -1.4 [-0.4] 5.5	14.6 [4.3] -1.3 [-0.4] 5.4	14.2 [4.2] -1.2 [-0.4] 5.3
	120°F [48.9°C]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	11.2 [3.3] -16.2 [-4.7] 6.2	11.0 [3.2] -15.3 [-4.5] 6.1	10.7 [3.1] -14.4 [-4.2] 6.1	9.7 [2.8] -14.0 [-4.1] 6.2	9.5 [2.8] -13.2 [-3.9] 6.1	9.3 [2.7] -12.4 [-3.6] 6.0	5.9 [1.7] -9.3 [-2.7] 6.1	5.8 [1.7] -8.8 [-2.6] 6.0	5.7 [1.7] -8.2 [-2.4] 6.0

DR —Depression ratio
dbE —Entering air dry bulb
wbE —Entering air wet bulb

Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
Power —kW input

NOTES: ① When the entering air dry bulb is other than 75°F [23.9°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 - DR) x (dbE - 80)].

[] Designates Metric Conversions

GROSS SYSTEMS PERFORMANCE DATA (LOW HUMIDIDRY MODE)—RGECYC036

ENTERING INDOOR AIR @ 75°F [23.9°C] dbE ①											
wbE			65.3°F [18.5°C]			64°F [17.8°C]			62.5°F [16.9°C]		
CFM [L/s]			900 [425]	760 [359]	705 [333]	900 [425]	760 [359]	705 [333]	900 [425]	760 [359]	705 [333]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	60°F [15.6°C]	Total kBtu/h [kW]	12.8 [3.7]	12.4 [3.6]	12.2 [3.6]	13.4 [3.9]	12.9 [3.8]	12.8 [3.7]	13.3 [3.9]	12.8 [3.8]	12.7 [3.7]
		Sens kBtu/h [kW]	3.1 [0.9]	2.9 [0.8]	2.8 [0.8]	5.0 [1.5]	4.6 [1.3]	4.4 [1.3]	6.8 [2.0]	6.3 [1.8]	6.0 [1.8]
		Power	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3
	65°F [18.3°C]	Total kBtu/h [kW]	12.2 [3.6]	11.8 [3.5]	11.7 [3.4]	12.8 [3.8]	12.4 [3.6]	12.2 [3.6]	12.7 [3.7]	12.3 [3.6]	12.1 [3.6]
		Sens kBtu/h [kW]	2.4 [0.7]	2.2 [0.6]	2.1 [0.6]	4.2 [1.2]	3.9 [1.1]	3.8 [1.1]	6.1 [1.8]	5.6 [1.6]	5.4 [1.6]
		Power	1.2	1.2	1.2	1.4	1.4	1.4	1.4	1.4	1.4
	70°F [21.1°C]	Total kBtu/h [kW]	11.6 [3.4]	11.2 [3.3]	11.1 [3.2]	12.2 [3.6]	11.8 [3.5]	11.7 [3.4]	12.1 [3.5]	11.7 [3.4]	11.5 [3.4]
Sens kBtu/h [kW]		1.6 [0.5]	1.5 [0.4]	1.4 [0.4]	3.5 [1.0]	3.2 [0.9]	3.1 [0.9]	5.3 [1.6]	4.9 [1.4]	4.7 [1.4]	
Power		1.3	1.3	1.3	1.5	1.5	1.5	1.5	1.5	1.5	
75°F [23.9°C]	Total kBtu/h [kW]	10.9 [3.2]	10.5 [3.1]	10.4 [3.0]	11.5 [3.4]	11.1 [3.3]	11.0 [3.2]	11.4 [3.3]	11.0 [3.2]	10.9 [3.2]	
	Sens kBtu/h [kW]	0.8 [0.2]	0.7 [0.2]	0.7 [0.2]	2.7 [0.8]	2.5 [0.7]	2.4 [0.7]	4.5 [1.3]	4.1 [1.2]	4.0 [1.2]	
	Power	1.4	1.4	1.4	1.6	1.6	1.6	1.6	1.6	1.6	
80°F [26.7°C]	Total kBtu/h [kW]	10.1 [3.0]	9.8 [2.9]	9.7 [2.8]	10.7 [3.1]	10.4 [3.0]	10.2 [3.0]	10.6 [3.1]	10.3 [3.0]	10.1 [3.0]	
	Sens kBtu/h [kW]	-0.1 [0.0]	-0.1 [0.0]	-0.1 [0.0]	1.8 [0.5]	1.7 [0.5]	1.6 [0.5]	3.6 [1.1]	3.3 [1.0]	3.2 [0.9]	
	Power	1.5	1.5	1.5	1.7	1.7	1.7	1.7	1.7	1.7	
85°F [29.4°C]	Total kBtu/h [kW]	9.3 [2.7]	9.0 [2.6]	8.9 [2.6]	9.9 [2.9]	9.6 [2.8]	9.4 [2.8]	9.8 [2.9]	9.4 [2.8]	9.3 [2.7]	
	Sens kBtu/h [kW]	-1.0 [-0.3]	-0.9 [-0.3]	-0.9 [-0.3]	0.9 [0.3]	0.8 [0.2]	0.8 [0.2]	2.7 [0.8]	2.5 [0.7]	2.4 [0.7]	
	Power	1.6	1.6	1.6	1.8	1.8	1.8	1.8	1.8	1.8	
90°F [32.2°C]	Total kBtu/h [kW]	8.3 [2.4]	8.1 [2.4]	8.0 [2.3]	8.9 [2.6]	8.7 [2.5]	8.5 [2.5]	8.8 [2.6]	8.5 [2.5]	8.4 [2.5]	
	Sens kBtu/h [kW]	-1.9 [-0.6]	-1.8 [-0.5]	-1.7 [-0.5]	0.0 [0.0]	0.0 [0.0]	0.0 [0.0]	1.8 [0.5]	1.6 [0.5]	1.6 [0.5]	
	Power	1.7	1.7	1.7	1.9	1.9	1.9	1.9	1.9	1.9	

GROSS SYSTEMS PERFORMANCE DATA (HIGH HUMIDIDRY MODE)—RGECYC036

ENTERING INDOOR AIR @ 75°F [23.9°C] dbE ①											
wbE			65.3°F [18.5°C]			64°F [17.8°C]			62.5°F [16.9°C]		
CFM [L/s]			1350 [637]	1055 [498]	1050 [496]	1350 [637]	1055 [498]	1050 [496]	1350 [637]	1055 [498]	1050 [496]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	60°F [15.6°C]	Total kBtu/h [kW]	16.3 [4.8]	15.6 [4.6]	15.5 [4.6]	16.1 [4.7]	15.3 [4.5]	15.3 [4.5]	14.8 [4.3]	14.1 [4.1]	14.1 [4.1]
		Sens kBtu/h [kW]	0.2 [0.0]	0.1 [0.0]	0.1 [0.0]	1.8 [0.5]	1.6 [0.5]	1.6 [0.5]	3.2 [0.9]	2.8 [0.8]	2.8 [0.8]
		Power	2.1	2.0	2.0	2.2	2.1	2.1	2.1	2.0	2.0
	70°F [21.1°C]	Total kBtu/h [kW]	15.6 [4.6]	14.9 [4.4]	14.9 [4.4]	15.4 [4.5]	14.6 [4.3]	14.6 [4.3]	14.1 [4.1]	13.4 [3.9]	13.4 [3.9]
		Sens kBtu/h [kW]	-0.5 [-0.1]	-0.4 [-0.1]	-0.4 [-0.1]	1.1 [0.3]	1.0 [0.3]	1.0 [0.3]	2.5 [0.7]	2.2 [0.7]	2.2 [0.7]
		Power	2.2	2.1	2.1	2.3	2.2	2.2	2.2	2.1	2.1
	80°F [26.7°C]	Total kBtu/h [kW]	14.6 [4.3]	13.8 [4.1]	13.8 [4.1]	14.3 [4.2]	13.6 [4.0]	13.6 [4.0]	13.0 [3.8]	12.4 [3.6]	12.4 [3.6]
Sens kBtu/h [kW]		-1.5 [-0.4]	-1.4 [-0.4]	-1.4 [-0.4]	0.1 [0.0]	0.1 [0.0]	0.1 [0.0]	1.5 [0.4]	1.3 [0.4]	1.3 [0.4]	
Power		2.3	2.3	2.3	2.4	2.4	2.4	2.3	2.3	2.3	
90°F [32.2°C]	Total kBtu/h [kW]	13.1 [3.8]	12.5 [3.7]	12.4 [3.6]	12.8 [3.8]	12.2 [3.6]	12.2 [3.6]	11.6 [3.4]	11.0 [3.2]	11.0 [3.2]	
	Sens kBtu/h [kW]	-2.9 [-0.9]	-2.6 [-0.8]	-2.6 [-0.8]	-1.3 [-0.4]	-1.1 [-0.3]	-1.1 [-0.3]	0.1 [0.0]	0.1 [0.0]	0.1 [0.0]	
	Power	2.5	2.4	2.4	2.6	2.5	2.5	2.5	2.4	2.4	
100°F [37.8°C]	Total kBtu/h [kW]	11.3 [3.3]	10.7 [3.1]	10.7 [3.1]	11.0 [3.2]	10.5 [3.1]	10.4 [3.1]	9.7 [2.8]	9.3 [2.7]	9.2 [2.7]	
	Sens kBtu/h [kW]	-4.7 [-1.4]	-4.1 [-1.2]	-4.1 [-1.2]	-3.0 [-0.9]	-2.7 [-0.8]	-2.7 [-0.8]	-1.6 [-0.5]	-1.4 [-0.4]	-1.4 [-0.4]	
	Power	2.7	2.6	2.6	2.8	2.7	2.7	2.7	2.6	2.6	
110°F [43.3°C]	Total kBtu/h [kW]	9.1 [2.7]	8.6 [2.5]	8.6 [2.5]	8.8 [2.6]	8.4 [2.5]	8.4 [2.4]	7.5 [2.2]	7.2 [2.1]	7.2 [2.1]	
	Sens kBtu/h [kW]	-6.8 [-2]	-6.0 [-1.8]	-6.0 [-1.8]	-5.1 [-1.5]	-4.5 [-1.3]	-4.5 [-1.3]	-3.8 [-1.1]	-3.3 [-1.0]	-3.3 [-1.0]	
	Power	2.9	2.8	2.8	3.0	2.9	2.9	2.9	2.8	2.8	
120°F [48.9°C]	Total kBtu/h [kW]	6.5 [1.9]	6.2 [1.8]	6.2 [1.8]	6.2 [1.8]	5.9 [1.7]	5.9 [1.7]	4.9 [1.4]	4.7 [1.4]	4.7 [1.4]	
	Sens kBtu/h [kW]	-9.3 [-2.7]	-8.2 [-2.4]	-8.2 [-2.4]	-7.6 [-2.2]	-6.7 [-2.0]	-6.7 [-2.0]	-6.2 [-1.8]	-5.5 [-1.6]	-5.5 [-1.6]	
	Power	3.1	3.1	3.1	3.2	3.1	3.1	3.1	3.0	3.0	

DR —Depression ratio
dbE —Entering air dry bulb
wbE —Entering air wet bulb
Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
Power —kW input

NOTES: ① When the entering air dry bulb is other than 75°F [23.9°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 – DR) x (dbE – 80)].

[] Designates Metric Conversions

GROSS SYSTEMS PERFORMANCE DATA (LOW HUMIDIDRY MODE)—RGECYC048

ENTERING INDOOR AIR @ 75°F [23.9°C] dbE ①											
wbE			65.3°F [18.5°C]			64°F [17.8°C]			62.5°F [16.9°C]		
CFM [L/s]			1200 [566]	875 [413]	940 [444]	1200 [566]	875 [413]	940 [444]	1200 [566]	875 [413]	940 [444]
OUTDOOR DRY BULB TEMPERATURE	60°F [15.6°C]	Total kBtu/h [kW]	15.0 [4.4]	14.1 [4.1]	14.2 [4.2]	13.1 [3.8]	12.2 [3.6]	12.4 [3.6]	14.5 [4.3]	13.6 [4.0]	13.8 [4.0]
		Sens kBtu/h [kW]	0.3 [0.1]	0.3 [0.1]	0.3 [0.1]	0.4 [0.1]	0.4 [0.1]	0.4 [0.1]	4.0 [1.2]	3.4 [1.0]	3.6 [1.0]
	Power	2.4	2.3	2.3	2.4	2.3	2.4	2.1	2.0	2.0	
	65°F [18.3°C]	Total kBtu/h [kW]	16.1 [4.7]	15.1 [4.4]	15.3 [4.5]	14.1 [4.1]	13.2 [3.9]	13.4 [3.9]	15.6 [4.6]	14.6 [4.3]	14.8 [4.3]
		Sens kBtu/h [kW]	1.5 [0.4]	1.3 [0.4]	1.3 [0.4]	1.6 [0.5]	1.3 [0.4]	1.4 [0.4]	5.2 [1.5]	4.4 [1.3]	4.5 [1.3]
	Power	2.2	2.1	2.1	2.2	2.2	2.2	1.9	1.8	1.8	
	70°F [21.1°C]	Total kBtu/h [kW]	16.8 [4.9]	15.7 [4.6]	15.9 [4.7]	14.8 [4.3]	13.9 [4.1]	14.1 [4.1]	16.3 [4.8]	15.3 [4.5]	15.5 [4.5]
Sens kBtu/h [kW]		2.2 [0.6]	1.9 [0.6]	2.0 [0.6]	2.3 [0.7]	2.0 [0.6]	2.0 [0.6]	5.9 [1.7]	5.0 [1.5]	5.2 [1.5]	
Power	2.1	2.0	2.0	2.1	2.1	2.1	1.8	1.7	1.7		
75°F [23.9°C]	Total kBtu/h [kW]	17.1 [5.0]	16.0 [4.7]	16.2 [4.8]	15.1 [4.4]	14.2 [4.2]	14.4 [4.2]	16.6 [4.9]	15.6 [4.6]	15.8 [4.6]	
	Sens kBtu/h [kW]	2.6 [0.8]	2.2 [0.6]	2.3 [0.7]	2.7 [0.8]	2.3 [0.7]	2.4 [0.7]	6.3 [1.8]	5.3 [1.6]	5.5 [1.6]	
Power	2.0	1.9	1.9	2.0	2.0	2.0	1.7	1.6	1.7		
80°F [26.7°C]	Total kBtu/h [kW]	17.0 [5.0]	16.0 [4.7]	16.2 [4.7]	15.1 [4.4]	14.1 [4.1]	14.3 [4.2]	16.6 [4.9]	15.5 [4.6]	15.7 [4.6]	
	Sens kBtu/h [kW]	2.6 [0.8]	2.2 [0.6]	2.3 [0.7]	2.7 [0.8]	2.3 [0.7]	2.3 [0.7]	6.2 [1.8]	5.3 [1.6]	5.5 [1.6]	
Power	2.0	1.9	1.9	2.0	2.0	2.0	1.7	1.6	1.6		
85°F [29.4°C]	Total kBtu/h [kW]	16.6 [4.9]	15.6 [4.6]	15.8 [4.6]	14.7 [4.3]	13.7 [4.0]	13.9 [4.1]	16.1 [4.7]	15.1 [4.4]	15.3 [4.5]	
	Sens kBtu/h [kW]	2.2 [0.6]	1.8 [0.5]	1.9 [0.6]	2.3 [0.7]	1.9 [0.6]	2.0 [0.6]	5.8 [1.7]	5.0 [1.5]	5.2 [1.5]	
Power	2.0	1.9	1.9	2.0	2.0	2.0	1.7	1.6	1.7		
90°F [32.2°C]	Total kBtu/h [kW]	15.8 [4.6]	14.8 [4.3]	15.0 [4.4]	13.8 [4.1]	13.0 [3.8]	13.1 [3.8]	15.3 [4.5]	14.4 [4.2]	14.6 [4.3]	
	Sens kBtu/h [kW]	1.4 [0.4]	1.2 [0.3]	1.2 [0.4]	1.5 [0.4]	1.3 [0.4]	1.3 [0.4]	5.1 [1.5]	4.3 [1.3]	4.5 [1.3]	
Power	2.1	2.0	2.0	2.1	2.1	2.1	1.8	1.7	1.7		

GROSS SYSTEMS PERFORMANCE DATA (HIGH HUMIDIDRY MODE)—RGECYC048

ENTERING INDOOR AIR @ 75°F [23.9°C] dbE ①											
wbE			65.3°F [18.5°C]			64°F [17.8°C]			62.5°F [16.9°C]		
CFM [L/s]			1800 [850]	1460 [689]	1400 [661]	1800 [850]	1460 [689]	1400 [661]	1800 [850]	1460 [689]	1400 [661]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	60°F [15.6°C]	Total kBtu/h [kW]	25.4 [7.4]	24.3 [7.1]	24.1 [7.1]	24.6 [7.2]	23.6 [6.9]	23.4 [6.9]	21.6 [6.3]	20.7 [6.1]	20.5 [6.0]
		Sens kBtu/h [kW]	6.8 [2.0]	6.1 [1.8]	6.0 [1.8]	7.1 [2.1]	6.4 [1.9]	6.3 [1.9]	4.6 [1.4]	4.2 [1.2]	4.1 [1.2]
		Power	2.5	2.5	2.5	2.4	2.4	2.4	2.2	2.2	2.2
	70°F [21.1°C]	Total kBtu/h [kW]	23.5 [6.9]	22.5 [6.6]	22.4 [6.6]	22.7 [6.7]	21.8 [6.4]	21.6 [6.3]	19.7 [5.8]	18.9 [5.5]	18.7 [5.5]
		Sens kBtu/h [kW]	5.4 [1.6]	4.9 [1.4]	4.8 [1.4]	5.7 [1.7]	5.2 [1.5]	5.1 [1.5]	3.2 [1.0]	2.9 [0.9]	2.9 [0.8]
		Power	2.7	2.6	2.6	2.6	2.6	2.5	2.4	2.4	2.4
	80°F [26.7°C]	Total kBtu/h [kW]	21.4 [6.3]	20.5 [6.0]	20.4 [6.0]	20.6 [6.1]	19.8 [5.8]	19.7 [5.8]	17.6 [5.2]	16.9 [4.9]	16.8 [4.9]
Sens kBtu/h [kW]		3.7 [1.1]	3.4 [1.0]	3.3 [1.0]	4.1 [1.2]	3.7 [1.1]	3.6 [1.1]	1.6 [0.5]	1.4 [0.4]	1.4 [0.4]	
Power		2.9	2.9	2.9	2.9	2.8	2.8	2.7	2.6	2.6	
90°F [32.2°C]	Total kBtu/h [kW]	19.1 [5.6]	18.3 [5.4]	18.2 [5.3]	18.4 [5.4]	17.6 [5.2]	17.5 [5.1]	15.3 [4.5]	14.7 [4.3]	14.6 [4.3]	
	Sens kBtu/h [kW]	1.8 [0.5]	1.6 [0.5]	1.6 [0.5]	2.1 [0.6]	1.9 [0.6]	1.9 [0.5]	-0.4 [-0.1]	-0.4 [-0.1]	-0.3 [-0.1]	
	Power	3.3	3.2	3.2	3.2	3.1	3.1	3	2.9	2.9	
100°F [37.8°C]	Total kBtu/h [kW]	16.6 [4.9]	16.0 [4.7]	15.8 [4.6]	15.9 [4.7]	15.2 [4.5]	15.1 [4.4]	12.8 [3.8]	12.3 [3.6]	12.2 [3.6]	
	Sens kBtu/h [kW]	-0.5 [-0.1]	-0.4 [-0.1]	-0.4 [-0.1]	-0.1 [0.0]	-0.1 [0.0]	-0.1 [0.0]	-2.6 [-0.8]	-2.4 [-0.7]	-2.3 [-0.7]	
	Power	3.7	3.6	3.6	3.6	3.5	3.5	3.4	3.3	3.3	
110°F [43.3°C]	Total kBtu/h [kW]	14.0 [4.1]	13.4 [3.9]	13.3 [3.9]	13.2 [3.9]	12.7 [3.7]	12.6 [3.7]	10.2 [3.0]	9.7 [2.9]	9.7 [2.8]	
	Sens kBtu/h [kW]	-3.0 [-0.9]	-2.7 [-0.8]	-2.7 [-0.8]	-2.7 [-0.8]	-2.4 [-0.7]	-2.3 [-0.7]	-5.2 [-1.5]	-4.7 [-1.4]	-4.6 [-1.3]	
	Power	4.2	4.1	4.1	4.1	4.0	4.0	3.9	3.8	3.8	
120°F [48.9°C]	Total kBtu/h [kW]	11.1 [3.2]	10.6 [3.1]	10.6 [3.1]	10.3 [3.0]	9.9 [2.9]	9.8 [2.9]	7.3 [2.1]	7.0 [2.0]	6.9 [2.0]	
	Sens kBtu/h [kW]	-5.8 [-1.7]	-5.2 [-1.5]	-5.1 [-1.5]	-5.5 [-1.6]	-4.9 [-1.4]	-4.8 [-1.4]	-8.0 [-2.3]	-7.2 [-2.1]	-7.0 [-2.1]	
	Power	4.7	4.7	4.6	4.7	4.6	4.5	4.5	4.4	4.4	

DR —Depression ratio
dbE —Entering air dry bulb
wbE —Entering air wet bulb

Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
Power —kW input

NOTES: ① When the entering air dry bulb is other than 75°F [23.9°C], adjust the sensible capacity from the table by adding $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] Designates Metric Conversions

GROSS SYSTEMS PERFORMANCE DATA (LOW HUMIDIDRY MODE)—RGECYC060

ENTERING INDOOR AIR @ 75°F [23.9°C] dbE ①											
wbE			65.3°F [18.5°C]			64°F [17.8°C]			62.5°F [16.9°C]		
CFM [L/s]			1500 [708]	1215 [573]	1175 [555]	1500 [708]	1215 [573]	1175 [555]	1500 [708]	1215 [573]	1175 [555]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	60°F [15.6°C]	Total kBTu/h [kW] Sens kBTu/h [kW] Power	26.3 [7.7] 7.2 [2.1] 1.9	25.3 [7.4] 6.5 [1.9] 1.9	25.1 [7.4] 6.4 [1.9] 1.9	24.8 [7.3] 8.1 [2.4] 1.9	23.8 [7.0] 7.3 [2.1] 1.9	23.7 [6.9] 7.2 [2.1] 1.9	24.0 [7.0] 10.0 [2.9] 2.3	23.1 [6.8] 9.0 [2.6] 2.3	22.9 [6.7] 8.9 [2.6] 2.3
	65°F [18.3°C]	Total kBTu/h [kW] Sens kBTu/h [kW] Power	25.7 [7.5] 6.8 [2.0] 2.0	24.7 [7.2] 6.1 [1.8] 1.9	24.5 [7.2] 6.0 [1.8] 1.9	24.2 [7.1] 7.7 [2.3] 2.0	23.2 [6.8] 7.0 [2.0] 2.0	23.1 [6.8] 6.9 [2.0] 2.0	23.4 [6.9] 9.6 [2.8] 2.4	22.5 [6.6] 8.7 [2.5] 2.4	22.3 [6.5] 8.5 [2.5] 2.3
	70°F [21.1°C]	Total kBTu/h [kW] Sens kBTu/h [kW] Power	25.0 [7.3] 6.3 [1.9] 2.0	24.0 [7.0] 5.7 [1.7] 2.0	23.8 [7.0] 5.6 [1.6] 2.0	23.5 [6.9] 7.2 [2.1] 2.1	22.5 [6.6] 6.5 [1.9] 2.0	22.4 [6.6] 6.4 [1.9] 2.0	22.7 [6.6] 9.1 [2.7] 2.5	21.8 [6.4] 8.2 [2.4] 2.4	21.6 [6.3] 8.1 [2.4] 2.4
	75°F [23.9°C]	Total kBTu/h [kW] Sens kBTu/h [kW] Power	24.1 [7.1] 5.7 [1.7] 2.1	23.1 [6.8] 5.1 [1.5] 2.1	23 [6.7] 5.0 [1.5] 2.1	22.6 [6.6] 6.6 [1.9] 2.2	21.6 [6.3] 6.0 [1.7] 2.1	21.5 [6.3] 5.9 [1.7] 2.1	21.8 [6.4] 8.5 [2.5] 2.6	20.9 [6.1] 7.7 [2.2] 2.5	20.8 [6.1] 7.5 [2.2] 2.5
	80°F [26.7°C]	Total kBTu/h [kW] Sens kBTu/h [kW] Power	23.1 [6.8] 4.9 [1.4] 2.2	22.1 [6.5] 4.4 [1.3] 2.2	22.0 [6.4] 4.4 [1.3] 2.2	21.5 [6.3] 5.8 [1.7] 2.3	20.6 [6.0] 5.3 [1.5] 2.2	20.5 [6.0] 5.2 [1.5] 2.2	20.7 [6.1] 7.7 [2.3] 2.7	19.9 [5.8] 7.0 [2.0] 2.6	19.8 [5.8] 6.9 [2.0] 2.6
	85°F [29.4°C]	Total kBTu/h [kW] Sens kBTu/h [kW] Power	21.9 [6.4] 4.0 [1.2] 2.4	21.0 [6.1] 3.6 [1.1] 2.3	20.8 [6.1] 3.6 [1.0] 2.3	20.3 [6.0] 5.0 [1.5] 2.4	19.5 [5.7] 4.5 [1.3] 2.4	19.4 [5.7] 4.4 [1.3] 2.4	19.6 [5.7] 6.8 [2.0] 2.8	18.8 [5.5] 6.2 [1.8] 2.8	18.6 [5.5] 6.1 [1.8] 2.8
	90°F [32.2°C]	Total kBTu/h [kW] Sens kBTu/h [kW] Power	20.5 [6.0] 3.0 [0.9] 2.5	19.7 [5.8] 2.7 [0.8] 2.5	19.6 [5.7] 2.7 [0.8] 2.5	19.0 [5.6] 3.9 [1.2] 2.6	18.2 [5.3] 3.5 [1.0] 2.5	18.1 [5.3] 3.5 [1.0] 2.5	18.2 [5.3] 5.8 [1.7] 3.0	17.5 [5.1] 5.2 [1.5] 2.9	17.4 [5.1] 5.2 [1.5] 2.9

GROSS SYSTEMS PERFORMANCE DATA (HIGH HUMIDIDRY MODE)—RGECYC060

ENTERING INDOOR AIR @ 75°F [23.9°C] dbE ①											
wbE			65.3°F [18.5°C]			64°F [17.8°C]			62.5°F [16.9°C]		
CFM [L/s]			2250 [1062]	1840 [868]	1750 [826]	2250 [1062]	1840 [868]	1750 [826]	2250 [1062]	1840 [868]	1750 [826]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	60°F [15.6°C]	Total kBTu/h [kW] Sens kBTu/h [kW] Power	37.3 [10.9] 20.1 [5.9] 3.2	35.8 [10.5] 18.2 [5.3] 3.1	35.5 [10.4] 17.8 [5.2] 3.1	35.2 [10.3] 18.6 [5.5] 3.0	33.9 [9.9] 16.9 [4.9] 3.0	33.6 [9.8] 16.5 [4.8] 3.0	34.4 [10.1] 20.6 [6.0] 3.1	33.0 [9.7] 18.6 [5.5] 3.1	32.7 [9.6] 18.2 [5.3] 3.1
	70°F [21.1°C]	Total kBTu/h [kW] Sens kBTu/h [kW] Power	35.3 [10.3] 18.2 [5.3] 3.3	33.9 [9.9] 16.5 [4.8] 3.2	33.6 [9.9] 16.1 [4.7] 3.2	33.3 [9.8] 16.7 [4.9] 3.2	32.0 [9.4] 15.1 [4.4] 3.1	31.7 [9.3] 14.8 [4.3] 3.1	32.4 [9.5] 18.7 [5.5] 3.3	31.2 [9.1] 16.9 [5.0] 3.2	30.9 [9.1] 16.5 [4.8] 3.2
	80°F [26.7°C]	Total kBTu/h [kW] Sens kBTu/h [kW] Power	32.8 [9.6] 15.7 [4.6] 3.6	31.5 [9.2] 14.2 [4.2] 3.5	31.3 [9.2] 13.9 [4.1] 3.5	30.8 [9.0] 14.2 [4.2] 3.5	29.6 [8.7] 12.9 [3.8] 3.4	29.3 [8.6] 12.6 [3.7] 3.4	29.9 [8.8] 16.2 [4.7] 3.6	28.8 [8.4] 14.6 [4.3] 3.5	28.5 [8.4] 14.3 [4.2] 3.5
	90°F [32.2°C]	Total kBTu/h [kW] Sens kBTu/h [kW] Power	29.7 [8.7] 12.6 [3.7] 3.9	28.6 [8.4] 11.4 [3.3] 3.9	28.3 [8.3] 11.1 [3.3] 3.8	27.7 [8.1] 11.1 [3.3] 3.8	26.6 [7.8] 10.1 [3.0] 3.7	26.4 [7.7] 9.8 [2.9] 3.7	26.9 [7.9] 13.1 [3.8] 3.9	25.8 [7.6] 11.8 [3.5] 3.8	25.6 [7.5] 11.6 [3.4] 3.8
	100°F [37.8°C]	Total kBTu/h [kW] Sens kBTu/h [kW] Power	26.1 [7.7] 8.9 [2.6] 4.4	25.1 [7.4] 8.1 [2.4] 4.3	24.9 [7.3] 7.9 [2.3] 4.3	24.1 [7.1] 7.4 [2.2] 4.3	23.1 [6.8] 6.7 [2.0] 4.2	22.9 [6.7] 6.6 [1.9] 4.2	23.2 [6.8] 9.4 [2.7] 4.4	22.3 [6.5] 8.5 [2.5] 4.3	22.1 [6.5] 8.3 [2.4] 4.3
	110°F [43.3°C]	Total kBTu/h [kW] Sens kBTu/h [kW] Power	21.9 [6.4] 4.6 [1.4] 4.9	21.1 [6.2] 4.2 [1.2] 4.8	20.9 [6.1] 4.1 [1.2] 4.8	19.9 [5.8] 3.2 [0.9] 4.8	19.1 [5.6] 2.9 [0.8] 4.7	18.9 [5.5] 2.8 [0.8] 4.7	19.0 [5.6] 5.1 [1.5] 4.9	18.3 [5.4] 4.6 [1.4] 4.8	18.1 [5.3] 4.5 [1.3] 4.8
	120°F [48.9°C]	Total kBTu/h [kW] Sens kBTu/h [kW] Power	17.2 [5.0] -0.3 [-0.1] 5.6	16.5 [4.8] -0.2 [-0.1] 5.5	16.3 [4.8] -0.2 [-0.1] 5.4	15.1 [4.4] -1.7 [-0.5] 5.5	14.5 [4.3] -1.6 [-0.5] 5.4	14.4 [4.2] -1.5 [-0.4] 5.3	14.3 [4.2] 0.2 [0.1] 5.6	13.7 [4.0] 0.2 [0.1] 5.4	13.6 [4.0] 0.2 [0.1] 5.4

DR —Depression ratio
dbE —Entering air dry bulb
wbE—Entering air wet bulb

Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
Power —kW input

NOTES: ① When the entering air dry bulb is other than 75°F [23.9°C], adjust the sensible capacity from the table by adding $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] Designates Metric Conversions

3-6T—LOW STATIC—SIDEFLOW (208-230V/575V)

Unit Model (Tonnage)	Manufacturer Recommended Airflow Range (Min/Max) CFM	Motor HP [W]	Motor Speed	CFM/ WATTS	External Static Pressure - Inches W.C. [kPa]							
					0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]
RGECYB036 (3T)	1050/1350	3/4 HP [559]	Fan Only - 15 oz-ft	CFM	1066	871	751	646	552	405	325	283
				WATTS	145	125	129	136	142	150	155	161
		3/4 HP [559]	Low Heat - 28.5 oz-ft	CFM	1419	1348	1278	1213	1146	1085	1012	946
				WATTS	203	214	224	234	244	255	264	273
		3/4 HP [559]	High Heat - 36.8 oz-ft	CFM	1615	1558	1503	1439	1380	1320	1268	1208
				WATTS	288	299	311	322	333	345	358	370
		3/4 HP [559]	Rated Cool - 33 oz-ft	CFM	1466	1401	1334	1252	1189	1128	1063	992
				WATTS	277	288	297	310	320	331	338	349
		3/4 HP [559]	Max Speed - 55 oz-ft	CFM	1931	1879	1816	1759	1706	1648	1596	1539
				WATTS	546	559	576	589	602	617	631	648
RGECYB048 (4T)	1400/1800	3/4 HP [559]	Fan Only - 15 oz-ft	CFM	981	892	800	709	622	510	440	359
				WATTS	94	102	110	117	124	130	135	141
		3/4 HP [559]	Low Heat - 33 oz-ft	CFM	1498	1437	1372	1318	1259	1205	1148	1091
				WATTS	260	272	284	294	306	317	326	337
		3/4 HP [559]	High Heat - 45.8 oz-ft	CFM	1796	1738	1684	1628	1573	1523	1466	1418
				WATTS	408	422	436	449	462	474	488	499
		3/4 HP [559]	Rated Cool - 48 oz-ft	CFM	1860	1803	1743	1677	1621	1563	1515	1466
				WATTS	424	438	450	467	481	495	510	525
		3/4 HP [559]	Max Speed - 54 oz-ft	CFM	1952	1892	1850	1793	1754	1698	1651	1601
				WATTS	516	533	546	561	573	589	605	620
RGECYB060 (5T)	1750/2250	1 HP [745]	Fan Only - 20 oz-ft	CFM	1046	970	893	817	728	648	572	501
				WATTS	136	145	154	162	169	176	182	188
		1 HP [745]	Low Heat - 35.2 oz-ft	CFM	1525	1458	1406	1345	1287	1233	1172	1117
				WATTS	280	295	307	320	332	343	354	368
		1 HP [745]	High Heat - 48.5 oz-ft	CFM	1804	1758	1704	1650	1597	1545	1494	1449
				WATTS	441	453	467	482	497	512	524	541
		1 HP [745]	Rated Cool - 65 oz-ft	CFM	2087	2037	1989	1945	1907	1868	1833	1792
				WATTS	655	670	687	702	718	737	762	783
		1 HP [745]	Max Speed - 72 oz-ft	CFM	2183	2138	2093	2051	2009	1967	1928	1889
				WATTS	755	770	791	805	824	842	858	877
RGECYB072 (6T)	2100/2700	1.2 HP [895]	Fan/Low Heat - 27.5 oz-ft	CFM	1246	1175	1106	1030	960	891	830	763
				WATTS	196	205	214	224	235	244	252	260
		1.2 HP [895]	High Heat - 48.5 oz-ft	CFM	1738	1660	1597	1545	1490	1432	1368	1316
				WATTS	428	441	454	465	478	492	508	523
		1.2 HP [895]	Low Cool - 33.8 oz-ft	CFM	1437	1367	1300	1227	1156	1091	1031	970
				WATTS	259	270	279	291	302	315	325	334
		1.2 HP [895]	High Cool - 85 oz-ft	CFM	2345	2301	2267	2230	2189	2152	2111	2081
				WATTS	969	991	1009	1030	1053	1071	1094	1116
		1.2 HP [895]	Max Speed - 90 oz-ft	CFM	2398	2361	2319	2285	2244	2211	2180	2144
				WATTS	1056	1078	1101	1129	1152	1177	1198	1223

NOTES: *Tap 4 - Factory Cooling Tap
Pressure drops across the 3-5T CFM range (1050 - 2250): Wet coil: ~0.09 Inches W.C.
Downflow: ~0.1 Inches W.C. Reheat coil: ~0.09 Inches W.C.
Airflow data were collected using high gas heat models.

[] Designates Metric Conversions

3-6T — HIGH STATIC — SIDEFLOW (208-230V/575V)

Unit Model (Tonnage)	Manufacturer Recommended Airflow Range (Min/Max) CFM	Motor HP [W]	Motor Speed	CFM/ WATTS	External Static Pressure - Inches W.C. [kPa]							
					0.8 [.2]	0.9 [.22]	1 [.25]	1.1 [.27]	1.2 [.3]	1.3 [.32]	1.4 [.35]	1.5 [.37]
RGECYB036 (3T)	1050/1350	1.5 HP [1119]	Fan Only - 28.4 oz-ft	CFM	853	778	704	620	568	513	467	428
				WATTS	296	304	311	319	328	330	340	349
		1.5 HP [1119]	Low Heat - 46.6 oz-ft	CFM	1370	1322	1273	1159	1097	1038	967	924
				WATTS	519	532	544	524	535	545	558	565
		1.5 HP [1119]	High Heat - 55.1 oz-ft	CFM	1555	1508	1464	1417	1373	1321	1272	1222
				WATTS	629	643	656	667	679	696	709	725
		1.5 HP [1119]	Rated Cool - 48 oz-ft	CFM	1395	1340	1296	1250	1188	1135	1073	1015
				WATTS	535	548	559	569	586	596	609	618
		1.5 HP [1119]	Max Speed - 72 oz-ft	CFM	1881	1834	1798	1760	1720	1688	1660	1574
				WATTS	885	903	917	930	952	973	997	994
RGECYB048 (4T)	1400/1800	1.5 HP [1119]	Fan Only - 43.06 oz-ft	CFM	1311	1262	1209	1154	1098	1037	984	926
				WATTS	437	448	458	470	481	494	502	516
		1.5 HP [1119]	Low Heat - 49.30 oz-ft	CFM	1457	1405	1353	1305	1259	1202	1156	1102
				WATTS	509	520	535	542	558	571	581	591
		1.5 HP [1119]	High Heat - 64.50 oz-ft	CFM	1762	1718	1667	1621	1573	1526	1486	1439
				WATTS	713	726	741	758	771	781	793	808
		1.5 HP [1119]	Rated Cool - 66.20 oz-ft	CFM	1793	1750	1701	1657	1620	1566	1515	1469
				WATTS	732	747	761	778	789	805	820	830
		1.5 HP [1119]	Max Speed - 73.8 oz-ft	CFM	1928	1880	1835	1790	1753	1702	1668	1618
				WATTS	835	853	868	888	900	916	935	950
RGECYB060 (5T)	1750/2250	1.5 HP [1119]	Fan Only - 40.5 oz-ft	CFM	1140	1079	1023	964	909	851	796	741
				WATTS	426	438	448	457	466	475	482	490
		1.5 HP [1119]	Low Heat - 55.5 oz-ft	CFM	1480	1434	1384	1336	1283	1232	1181	1131
				WATTS	634	646	659	672	684	697	710	721
		1.5 HP [1119]	High Heat - 71.25 oz-ft	CFM	1771	1724	1681	1639	1593	1549	1507	1473
				WATTS	874	889	903	918	934	948	964	977
		1.5 HP [1119]	Rated Cool - 91.75 oz-ft	CFM	2046	2006	1970	1933	1896	1859	1811	1776
				WATTS	1204	1221	1239	1256	1274	1289	1307	1325
		1.5 HP [1119]	Max Speed - 101 oz-ft	CFM	2152	2114	2078	2046	2004	1953	1898	1857
				WATTS	1362	1381	1401	1418	1423	1419	1414	1410
RGECYB072 (6T)	2100/2700	1.2 HP [895]	Fan/Low Heat - 36.5 oz-ft	CFM	1068	981	876	774	694	549	443	404
				WATTS	407	402	391	387	386	376	369	364
		1.2 HP [895]	High Heat - 69 oz-ft	CFM	1299	1217	1115	1022	934	830	729	584
				WATTS	534	526	515	507	497	487	473	458
		1.2 HP [895]	Low Cool - 52.5 oz-ft	CFM	1428	1378	1334	1282	1235	1186	1138	1092
				WATTS	578	593	605	619	631	643	656	669
		1.2 HP [895]	High Cool - 96 oz-ft	CFM	2148	2090	2038	1978	1917	1860	1811	1747
				WATTS	1216	1222	1228	1237	1238	1238	1246	1246
		1.2 HP [895]	Max Speed - 96 oz-ft	CFM	2148	2090	2038	1978	1917	1860	1811	1747
				WATTS	1216	1222	1228	1237	1238	1238	1246	1246

NOTES: *Tap 4 - Factory Cooling Tap
Pressure drops across the 3-5T CFM range (1050 - 2250): Wet coil: ~0.09 Inches W.C.
Downflow: ~0.1 Inches W.C. Reheat coil: ~0.09 Inches W.C.
Airflow data were collected using high gas heat models.

[] Designates Metric Conversions

3-6T—LOW STATIC—SIDEFLOW (460V)

Unit Model (Tonnage)	Manufacturer Recommended Airflow Range (Min/Max) CFM	Motor HP [W]	Motor Speed	CFM/ WATTS	External Static Pressure - Inches W.C. [kPa]							
					0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]
RGECEB036 (3T)	1050/1350	3/4 HP [559]	Fan Only - 15 oz-ft	CFM	938	836	745	647	538	415	359	311
				WATTS	114	121	130	136	142	146	151	158
		3/4 HP [559]	Low Heat - 15.1 oz-ft	CFM	936	835	751	649	539	429	361	313
				WATTS	115	123	130	137	143	147	154	161
		3/4 HP [559]	High Heat - 29 oz-ft	CFM	1358	1281	1206	1141	1078	1010	939	860
				WATTS	233	244	255	264	274	285	294	306
		3/4 HP [559]	Rated Cool - 33 oz-ft	CFM	1461	1389	1311	1246	1183	1122	1057	973
				WATTS	273	284	296	306	316	326	337	349
		3/4 HP [559]	Max Speed - 55 oz-ft	CFM	1916	1867	1807	1746	1690	1644	1595	1550
				WATTS	542	557	567	582	597	611	628	646
RGECEB048 (4T)	1400/1800	3/4 HP [559]	Fan Only - 15 oz-ft	CFM	964	876	777	680	568	482	404	326
				WATTS	92	100	107	115	121	127	132	138
		3/4 HP [559]	Low Heat - 25.2 oz-ft	CFM	1297	1215	1140	1061	990	913	832	749
				WATTS	172	182	192	204	214	223	232	239
		3/4 HP [559]	High Heat - 43.8 oz-ft	CFM	1744	1683	1616	1549	1498	1438	1387	1333
				WATTS	363	376	389	405	417	431	447	461
		3/4 HP [559]	Rated Cool - 48 oz-ft	CFM	1829	1762	1695	1634	1577	1523	1476	1423
				WATTS	415	428	444	458	473	487	504	518
		3/4 HP [559]	Max Speed - 60 oz-ft	CFM	2045	1987	1929	1873	1810	1764	1729	1678
				WATTS	565	577	595	611	628	644	663	682
RGECEB060 (5T)	1750/2250	1 HP [745]	Fan Only - 20 oz-ft	CFM	1012	933	851	779	703	617	542	471
				WATTS	126	134	142	149	156	164	170	176
		1 HP [745]	Low Heat - 25 oz-ft	CFM	1244	1168	1096	1031	963	905	841	761
				WATTS	172	182	192	202	211	219	226	234
		1 HP [745]	High Heat - 50.10 oz-ft	CFM	1824	1775	1722	1666	1607	1561	1513	1468
				WATTS	448	463	475	490	503	516	531	547
		1 HP [745]	Rated Cool - 65 oz-ft	CFM	2083	2033	1991	1951	1914	1873	1834	1795
				WATTS	663	681	694	713	731	749	767	788
		1 HP [745]	Max Speed - 72 oz-ft	CFM	2198	2162	2120	2077	2033	1984	1950	1896
				WATTS	774	792	807	822	838	856	876	896
RGECEB072 (6T)	2100/2700	1.2 HP [895]	Fan/Low Heat - 26.5 oz-ft	CFM	1198	1127	1053	984	915	841	772	698
				WATTS	181	191	200	211	219	228	238	245
		1.2 HP [895]	High Heat - 48 oz-ft	CFM	1731	1673	1628	1554	1499	1443	1392	1336
				WATTS	436	447	467	466	476	488	503	513
		1.2 HP [895]	Low Cool - 33.8 oz-ft	CFM	1402	1336	1272	1207	1143	1075	1025	954
				WATTS	257	267	277	289	299	309	323	332
		1.2 HP [895]	High Cool - 85 oz-ft	CFM	2362	2312	2262	2219	2169	2128	2087	2042
				WATTS	1010	1023	1039	1051	1054	1072	1089	1098
		1.2 HP [895]	Max Speed - 90 oz-ft	CFM	2408	2363	2318	2280	2233	2203	2155	2121
				WATTS	1078	1098	1110	1125	1142	1167	1180	1195

NOTES: *Tap 4 - Factory Cooling Tap
Pressure drops across the 3-5T CFM range (1050 - 2250): Wet coil: ~0.09 Inches W.C.
Downflow: ~0.1 Inches W.C. Reheat coil: ~0.09 Inches W.C.
Airflow data were collected using high gas heat models.

[] Designates Metric Conversions

3-6T — HIGH STATIC — SIDEFLOW (460V)

Unit Model (Tonnage)	Manufacturer Recommended Airflow Range (Min/Max) CFM	Motor HP [W]	Motor Speed	CFM/ WATTS	External Static Pressure - Inches W.C. [kPa]							
					0.8 [.2]	0.9 [.22]	1 [.25]	1.1 [.27]	1.2 [.3]	1.3 [.32]	1.4 [.35]	1.5 [.37]
RGE CYB036 (3T)	1050/1350	1 HP [745]	Fan Only - 30.6 oz-ft	CFM	860	780	696	589	534	508	455	427
				WATTS	303	311	317	325	332	338	347	354
		1 HP [745]	Low Heat - 38.3 oz-ft	CFM	649	1036	969	895	816	768	673	607
				WATTS	394	403	412	421	430	435	445	451
		1 HP [745]	High Heat - 54.8 oz-ft	CFM	1487	1437	1388	1342	1300	1250	1192	1101
				WATTS	618	630	644	655	668	683	696	692
		1 HP [745]	Rated Cool - 50.3 oz-ft	CFM	1386	1336	1291	1239	1187	1124	1066	1003
				WATTS	554	566	576	590	602	614	627	636
		1 HP [745]	Max Speed - 80 oz-ft	CFM	1974	1921	1865	1762	1641	1497	1272	1083
				WATTS	1030	1028	1026	1000	939	856	743	677
RGE CYB048 (4T)	1400/1800	1 HP [745]	Fan Only - 29 oz-ft	CFM	861	782	713	647	568	503	448	400
				WATTS	273	282	289	295	302	309	317	322
		1 HP [745]	Low Heat - 41.6 oz-ft	CFM	1237	1178	1120	1060	990	937	877	818
				WATTS	421	431	442	451	464	471	479	487
		1 HP [745]	High Heat - 61.1 oz-ft	CFM	1704	1653	1603	1553	1498	1447	1397	1349
				WATTS	695	709	725	741	755	767	780	792
		1 HP [745]	Rated Cool - 64.5 oz-ft	CFM	1779	1734	1682	1635	1577	1531	1474	1427
				WATTS	748	764	781	796	814	829	840	852
		1 HP [745]	Max Speed - 75 oz-ft	CFM	1978	1933	1884	1839	1780	1717	1636	1574
				WATTS	920	937	955	971	979	975	972	971
RGE CYB060 (5T)	1750/2250	1.2 HP [895]	Fan Only - 34 oz-ft	CFM	956	892	834	771	698	645	570	523
				WATTS	335	342	351	354	362	370	377	385
		1.2 HP [895]	Low Heat - 43.5 oz-ft	CFM	1209	1150	1078	1015	967	910	855	795
				WATTS	445	458	464	472	484	496	503	506
		1.2 HP [895]	High Heat - 69.3 oz-ft	CFM	1795	1745	1699	1652	1612	1564	1522	1478
				WATTS	841	859	874	886	905	915	928	942
		1.2 HP [895]	Rated Cool - 87.2 oz-ft	CFM	2084	2048	2003	1960	1922	1874	1823	1777
				WATTS	1151	1170	1188	1204	1219	1232	1242	1255
		1.2 HP [895]	Max Speed - 96 oz-ft	CFM	2161	2093	2047	1991	1942	1881	1830	1767
				WATTS	1243	1243	1244	1244	1243	1245	1242	1243
RGE CYB072 (6T)	2100/2700	1.2 HP [895]	Fan/Low Heat - 36.5 oz-ft	CFM	1009	947	885	814	747	675	593	530
				WATTS	356	365	375	385	394	404	413	421
		1.2 HP [895]	High Heat - 69 oz-ft	CFM	1768	1721	1675	1615	1559	1512	1470	1417
				WATTS	839	853	867	884	889	901	917	931
		1.2 HP [895]	Low Cool - 51 oz-ft	CFM	1399	1344	1293	1239	1181	1129	1079	1029
				WATTS	562	574	585	601	611	622	635	646
		1.2 HP [895]	High Cool - 96 oz-ft	CFM	2132	2080	2029	1974	1915	1847	1782	1732
				WATTS	1248	1251	1252	1253	1251	1253	1250	1250
		1.2 HP [895]	Max Speed - 96 oz-ft	CFM	2132	2080	2029	1974	1915	1847	1782	1732
				WATTS	1248	1251	1252	1253	1251	1253	1250	1250

NOTES: *Tap 4 - Factory Cooling Tap
Pressure drops across the 3-5T CFM range (1050 - 2250): Wet coil: ~0.09 Inches W.C.
Downflow: ~0.1 Inches W.C. Reheat coil: ~0.09 Inches W.C.
Airflow data were collected using high gas heat models.

[] Designates Metric Conversions

3-5T—LOW STATIC—SIDEFLOW (208-230V)

Unit Model (Tonnage)	Manufacturer Recommended Airflow Range (Min/Max) CFM	Motor HP [W]	Motor Speed	CFM/ WATTS	External Static Pressure - Inches W.C. [kPa]							
					0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]
RGECYC036 (3T)	1050/1350	3/4 HP [559]	Fan/Low Heat - 28.5 oz-ft	CFM	1419	1348	1278	1213	1146	1085	1012	946
				WATTS	203	214	224	234	244	255	264	273
		3/4 HP [559]	High Heat - 36.8 oz-ft	CFM	1615	1558	1503	1439	1380	1320	1268	1208
				WATTS	288	299	311	322	333	345	358	370
		3/4 HP [559]	Low Cool - 14 oz-ft	CFM	951	861	762	675	552	479	407	344
				WATTS	85	93	100	107	114	120	126	131
		3/4 HP [559]	High Cool - 27.6 oz-ft	CFM	1393	1323	1256	1184	1122	1054	978	907
				WATTS	195	205	216	226	236	245	254	263
		3/4 HP [559]	Max Speed - 55 oz-ft	CFM	1931	1879	1816	1759	1706	1648	1596	1539
				WATTS	546	559	576	589	602	617	631	648
RGECYC048 (4T)	1400/1800	3/4 HP [559]	Fan/Low Heat - 33 oz-ft	CFM	1498	1437	1372	1318	1259	1205	1148	1091
				WATTS	260	272	284	294	306	317	326	337
		3/4 HP [559]	High Heat - 45.8 oz-ft	CFM	1796	1738	1684	1628	1573	1523	1466	1418
				WATTS	408	422	436	449	462	474	488	499
		3/4 HP [559]	Low Cool - 14.7 oz-ft	CFM	1087	873	799	709	598	519	445	372
				WATTS	118	103	109	117	122	130	134	140
		3/4 HP [559]	High Cool - 43.06 oz-ft	CFM	1734	1675	1624	1574	1515	1465	1412	1359
				WATTS	376	390	402	415	428	441	451	461
		3/4 HP [559]	Max Speed - 54 oz-ft	CFM	1952	1892	1850	1793	1754	1698	1651	1601
				WATTS	516	533	546	561	573	589	605	620
RGECYC060 (5T)	1750/2250	1 HP [745]	Fan/Low Heat - 35.2 oz-ft	CFM	1525	1458	1406	1345	1287	1233	1172	1117
				WATTS	280	295	307	320	332	343	354	368
		1 HP [745]	High Heat - 48.5 oz-ft	CFM	1804	1758	1704	1650	1597	1545	1494	1449
				WATTS	441	453	467	482	497	512	524	541
		1 HP [745]	Low Cool - 27.8 oz-ft	CFM	1342	1279	1213	1149	1083	1016	953	893
				WATTS	207	218	229	238	248	259	269	277
		1 HP [745]	High Cool - 65 oz-ft	CFM	2087	2037	1989	1945	1907	1868	1833	1792
				WATTS	655	670	687	702	718	737	762	783
		1 HP [745]	Max Speed - 72 oz-ft	CFM	2183	2138	2093	2051	2009	1967	1928	1889
				WATTS	755	770	791	805	824	842	858	877

NOTES: *Tap 4 - Factory Cooling Tap
Pressure drops across the 3-5T CFM range (1050 - 2250): Wet coil: ~0.09 Inches W.C.
Downflow: ~0.1 Inches W.C. Reheat coil: ~0.09 Inches W.C.
Airflow data were collected using high gas heat models.

[] Designates Metric Conversions

3-5T — HIGH STATIC — SIDEFLOW (208-230V)

Unit Model (Tonnage)	Manufacturer Recommended Airflow Range (Min/Max) CFM	Motor HP [W]	Motor Speed	CFM/ WATTS	External Static Pressure - Inches W.C. [kPa]							
					0.8 [.2]	0.9 [.22]	1 [.25]	1.1 [.27]	1.2 [.3]	1.3 [.32]	1.4 [.35]	1.5 [.37]
RGEYC036 (3T)	1050/1350	1.5 HP [1119]	Fan/Low Heat - 46.6	CFM	1370	1322	1273	1159	1097	1038	967	924
				WATTS	519	532	544	524	535	545	558	565
		1.5 HP [1119]	High Heat - 55.10	CFM	1555	1508	1464	1417	1373	1321	1272	1222
				WATTS	629	643	656	667	679	696	709	725
		1.5 HP [1119]	Low Cool - 30.30	CFM	929	855	783	708	622	567	522	478
				WATTS	318	328	336	344	345	354	361	372
		1.5 HP [1119]	High Cool - 45.20	CFM	1336	1286	1239	1182	1121	1058	998	936
				WATTS	497	509	519	535	545	556	566	576
		1.5 HP [1119]	Max Speed - 72	CFM	1881	1834	1798	1760	1720	1688	1660	1574
				WATTS	885	903	917	930	952	973	997	994
RGEYC048 (4T)	1400/1800	1.5 HP [1119]	Fan/Low Heat - 49.3 oz-ft	CFM	1457	1405	1353	1305	1259	1202	1156	1102
				WATTS	509	520	535	542	558	571	581	591
		1.5 HP [1119]	High Heat - 64.5 oz-ft	CFM	1762	1718	1667	1621	1573	1526	1486	1439
				WATTS	713	726	741	758	771	781	793	808
		1.5 HP [1119]	Low Cool - 30.5 oz-ft	CFM	964	883	820	762	694	638	579	519
				WATTS	285	297	303	313	320	325	332	340
		1.5 HP [1119]	High Cool - 61 oz-ft	CFM	1702	1658	1605	1558	1515	1464	1417	1374
				WATTS	659	677	690	707	719	732	746	759
		1.5 HP [1119]	Max Speed - 73.8 oz-ft	CFM	1928	1880	1835	1790	1753	1702	1668	1618
				WATTS	835	853	868	888	900	916	935	950
RGEYC060 (5T)	1750/2250	1.5 HP [1119]	Fan/Low Heat - 55.5 oz-ft	CFM	1480	1434	1384	1336	1283	1232	1181	1131
				WATTS	634	646	659	672	684	697	710	721
		1.5 HP [1119]	High Heat - 71.25 oz-ft	CFM	1771	1724	1681	1639	1593	1549	1507	1473
				WATTS	874	889	903	918	934	948	964	977
		1.5 HP [1119]	Low Cool - 48.5 oz-ft	CFM	1331	1280	1219	1163	1108	1054	1002	951
				WATTS	532	545	555	568	578	589	599	608
		1.5 HP [1119]	High Cool - 91.75 oz-ft	CFM	2046	2006	1970	1933	1896	1859	1811	1776
				WATTS	1204	1221	1239	1256	1274	1289	1307	1325
		1.5 HP [1119]	Max Speed - 101 oz-ft	CFM	2152	2114	2078	2046	2004	1953	1898	1857
				WATTS	1362	1381	1401	1418	1423	1419	1414	1410

NOTES: *Tap 4 - Factory Cooling Tap
Pressure drops across the 3-5T CFM range (1050 - 2250): Wet coil: ~0.09 Inches W.C.
Downflow: ~0.1 Inches W.C. Reheat coil: ~0.09 Inches W.C.
Airflow data were collected using high gas heat models.

[] Designates Metric Conversions

3-5T—LOW STATIC—SIDEFLOW (460V)

Unit Model (Tonnage)	Manufacturer Recommended Airflow Range (Min/Max) CFM	Motor HP [W]	Motor Speed	CFM/ WATTS	External Static Pressure - Inches W.C. [kPa]							
					0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]
RGECEY036 (3T)	1050/1350	3/4 HP [559]	Fan/Low Heat - 21.5 oz-ft	CFM	1142	1058	981	905	818	733	645	518
				WATTS	165	174	183	192	202	208	214	222
		3/4 HP [559]	High Heat - 37.8 oz-ft	CFM	1568	1506	1434	1371	1308	1251	1193	1131
				WATTS	325	336	348	359	371	381	394	405
		3/4 HP [559]	Low Cool - 14 oz-ft	CFM	943	854	753	658	543	471	395	324
				WATTS	82	90	97	104	110	117	122	128
		3/4 HP [559]	High Cool - 27.6 oz-ft	CFM	1374	1311	1238	1172	1106	1035	960	892
				WATTS	189	199	209	219	229	240	250	258
		3/4 HP [559]	Max Speed - 55 oz-ft	CFM	1916	1867	1807	1746	1690	1644	1595	1550
				WATTS	542	557	567	582	597	611	628	646
RGECEY048 (4T)	1400/1800	3/4 HP [559]	Fan/Low Heat - 25.2 oz-ft	CFM	1297	1215	1140	1061	990	913	832	749
				WATTS	172	182	192	204	214	223	232	239
		3/4 HP [559]	High Heat - 43.8 oz-ft	CFM	1744	1683	1616	1549	1498	1438	1387	1333
				WATTS	363	376	389	405	417	431	447	461
		3/4 HP [559]	Low Cool - 14.7 oz-ft	CFM	958	871	785	703	583	509	440	370
				WATTS	91	99	106	113	120	126	132	137
		3/4 HP [559]	High Cool - 43.06 oz-ft	CFM	1720	1664	1609	1560	1511	1463	1404	1351
				WATTS	363	375	388	400	414	425	440	454
		3/4 HP [559]	Max Speed - 60 oz-ft	CFM	2045	1987	1929	1873	1810	1764	1729	1678
				WATTS	565	577	595	611	628	644	663	682
RGECEY060 (5T)	1750/2250	1 HP [745]	Fan/Low Heat - 25 oz-ft	CFM	1244	1168	1096	1031	963	905	841	761
				WATTS	172	182	192	202	211	219	226	234
		1 HP [745]	High Heat - 50.1 oz-ft	CFM	1824	1775	1722	1666	1607	1561	1513	1468
				WATTS	448	463	475	490	503	516	531	547
		1 HP [745]	Low Cool - 27.8 oz-ft	CFM	1315	1249	1182	1114	1047	994	928	862
				WATTS	199	208	219	229	238	246	255	263
		1 HP [745]	High Cool - 65 oz-ft	CFM	2083	2033	1991	1951	1914	1873	1834	1795
				WATTS	663	681	694	713	731	749	767	788
		1 HP [745]	Max Speed - 72 oz-ft	CFM	2198	2162	2120	2077	2033	1984	1950	1896
				WATTS	774	792	807	822	838	856	876	896

NOTES: *Tap 4 - Factory Cooling Tap
Pressure drops across the 3-5T CFM range (1050 - 2250): Wet coil: ~0.09 Inches W.C.
Downflow: ~0.1 Inches W.C. Reheat coil: ~0.09 Inches W.C.
Airflow data were collected using high gas heat models.

[] Designates Metric Conversions

3-5T — HIGH STATIC — SIDEFLOW (460V)

Unit Model (Tonnage)	Manufacturer Recommended Airflow Range (Min/Max) CFM	Motor HP [W]	Motor Speed	CFM/ WATTS	External Static Pressure - Inches W.C. [kPa]							
					0.8 [.2]	0.9 [.22]	1 [.25]	1.1 [.27]	1.2 [.3]	1.3 [.32]	1.4 [.35]	1.5 [.37]
RGE CYC036 (3T)	1050/1350	1 HP [745]	Fan/Low Heat - 30.80 oz-ft	CFM	864	786	717	606	541	520	465	430
				WATTS	307	314	320	328	335	341	353	360
		1 HP [745]	High Heat - 45.7 oz-ft	CFM	1294	1238	1189	1132	1066	1009	938	874
				WATTS	488	501	513	523	535	544	555	564
		1 HP [745]	Low Cool - 32.8 oz-ft	CFM	933	859	762	707	608	541	519	484
				WATTS	328	337	346	350	358	367	373	384
		1 HP [745]	High Cool - 47.1 oz-ft	CFM	1318	1272	1220	1161	1103	1038	977	907
				WATTS	505	516	526	540	551	562	571	583
		1 HP [745]	Max Speed - 80 oz-ft	CFM	1974	1921	1865	1762	1641	1497	1272	1083
				WATTS	1030	1028	1026	1000	939	856	743	677
RGE CYC048 (4T)	1400/1800	1 HP [745]	Fan/Low Heat - 41.6 oz-ft	CFM	1237	1178	1120	1060	990	937	877	818
				WATTS	421	431	442	451	464	471	479	487
		1 HP [745]	High Heat - 61.1 oz-ft	CFM	1704	1653	1603	1553	1498	1447	1397	1349
				WATTS	695	709	725	741	755	767	780	792
		1 HP [745]	Low Cool - 32 oz-ft	CFM	953	876	812	752	683	621	559	502
				WATTS	305	316	322	329	336	342	350	355
		1 HP [745]	High Cool - 61.6 oz-ft	CFM	1716	1671	1616	1566	1512	1462	1414	1367
				WATTS	702	717	733	750	763	775	789	800
		1 HP [745]	Max Speed - 75 oz-ft	CFM	1978	1933	1884	1839	1780	1717	1636	1574
				WATTS	920	937	955	971	979	975	972	971
RGE CYC060 (5T)	1750/2250	1.2 HP [895]	Fan/Low Heat - 43.5 oz-ft	CFM	1209	1150	1078	1015	967	910	855	795
				WATTS	445	458	464	472	484	496	503	506
		1.2 HP [895]	High Heat - 69.3 oz-ft	CFM	1795	1745	1699	1652	1612	1564	1522	1478
				WATTS	841	859	874	886	905	915	928	942
		1.2 HP [895]	Low Cool - 48 oz-ft	CFM	1318	1268	1214	1157	1094	1030	976	926
				WATTS	524	535	547	557	564	571	580	588
		1.2 HP [895]	High Cool - 87.2 oz-ft	CFM	2084	2048	2003	1960	1922	1874	1823	1777
				WATTS	1151	1170	1188	1204	1219	1232	1242	1255
		1.2 HP [895]	Max Speed - 96 oz-ft	CFM	2161	2093	2047	1991	1942	1881	1830	1767
				WATTS	1243	1243	1244	1244	1243	1245	1242	1243

NOTES: *Tap 4 - Factory Cooling Tap
Pressure drops across the 3-5T CFM range (1050 - 2250): Wet coil: ~0.09 Inches W.C.
Downflow: ~0.1 Inches W.C. Reheat coil: ~0.09 Inches W.C.
Airflow data were collected using high gas heat models.

[] Designates Metric Conversions

ELECTRICAL DATA – RGECYB SERIES								
		036ACT	036ACU	036ADT	036ADU	036AJT	036AYT	036AYU
Unit Information	Unit Operating Voltage Range	187-253	187-253	414-506	414-506	187-253	518-633	518-633
	Volts	208/230	208/230	460	460	208/230	575	575
	Phase	3	3	3	3	1	3	3
	Hz	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	24	29	10	11	25	9	11
	Minimum Circuit Ampacity with Power Exhaust	27	32	12	13	28	10	12
	Minimum Overcurrent Protection Device Size	30	35	15	15	30	15	15
	Minimum Overcurrent Protection Device Size with Power Exhaust	30	40	15	15	35	15	15
	Maximum Overcurrent Protection Device Size	35	40	15	15	35	15	15
	Maximum Overcurrent Protection Device Size with Power Exhaust	35	40	15	15	40	15	15
Condenser Motor	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	460	460	208/230	575	575
	Phase	3	3	3	3	1	3	3
	Amps (RLA)	12.8	12.8	5.1	5.1	13.5	4.5	4.5
	Amps (LRA)	97.5	97.5	44.3	44.3	82.5	27.1	27.1
Condenser Motor	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	460	460	208/230	575	575
	Phase	1	1	1	1	1	1	1
	HP	1/5	1/5	1/5	1/5	1/5	1/5	1/5
	Amps (FLA, each)	1	1	0.8	0.8	1	0.55	0.55
	Amps (LRA, each)	2.3	2.3	1.4	1.4	2.3	1.1	1.1
Evaporator Fan	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	460	460	208/230	208/230	208/230
	Phase	1	1	1	1	1	1	1
	HP	3/4	1-1/2	3/4	1	3/4	3/4	1-1/2
	Amps (FLA, each)	6	11.5	2.7	3.5	6	2.4	4.6
	Amps (LRA, each)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ELECTRICAL DATA – RGECYB SERIES

		048ACT	048ACU	048ADT	048ADU	048AJT	048AYT	048AYU
Unit Information	Unit Operating Voltage Range	187-253	187-253	414-506	414-506	187-253	518-633	518-633
	Volts	208/230	208/230	460	460	208/230	575	575
	Phase	3	3	3	3	1	3	3
	Hz	60	60	60	60	60	60	60
	Minimum Circuit Ampacity	24	30	13	13	30	10	12
	Minimum Circuit Ampacity with Power Exhaust	27	33	15	16	34	11	14
	Minimum Overcurrent Protection Device Size	30	35	15	15	35	15	15
	Minimum Overcurrent Protection Device Size with Power Exhaust	30	40	20	20	40	15	15
	Maximum Overcurrent Protection Device Size	35	40	15	15	45	15	15
	Maximum Overcurrent Protection Device Size with Power Exhaust	35	40	20	20	50	15	15
Compressor Motor	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	460	460	208/230	575	575
	Phase	3	3	3	3	1	3	3
	Amps (RLA)	12.2	12.2	6.4	6.4	17.3	5.1	5.1
	Amps (LRA)	120.4	120.4	48.5	48.5	126	41	41
Condenser Motor	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	460	460	208/230	575	575
	Phase	1	1	1	1	1	1	1
	HP	1/2	1/2	1/2	1/2	1/2	1/2	1/2
	Amps (FLA, each)	2.3	2.3	1.5	1.5	2.3	1	1
	Amps (LRA, each)	5.1	5.1	3.1	3.1	5.1	2.2	2.2
Evaporator Fan	No.	1	1	1	1	1	1	1
	Volts	208/230	208/230	460	460	208/230	208/230	208/230
	Phase	1	1	1	1	1	1	1
	HP	3/4	1-1/2	3/4	1	3/4	3/4	1-1/2
	Amps (FLA, each)	6	11.5	2.7	3.5	6	2.4	4.6
	Amps (LRA, each)	N/A	N/A	N/A	N/A	N/A	N/A	N/A